AMERICAN JOURNAL

OF

OPHTHALMOLOGY

SERIES 3 VOLUME 20 1937

EDITORIAL STAFF

LAWRENCE T. POST, Editor
WILLIAM H. CRISP, Consulting Editor
EDWARD JACKSON, Consulting Editor

HANS BARKAN
HARRY S. GRADLE
H. ROMMEL HILDRETH
PARK LEWIS

C. S. O'BRIEN
M. URIBE TRONCOSO
JOHN M. WHEELER
EMMA S. BUSS, Manuscript Editor

COLLABORATORS

EUGENE M. BLAKE, New Haven, Connecticut; RAMON CASTROVIEJO, New York; F. M. CRAGE, Chicago; BEULAH CUSHMAN, Chicago; RAY K. DAILY, Houston, Texas; M. DAVIDSON, New York; LAWRENCE G. DUNLAP, Anaconda, Montana; R. GRUNFELD, Brooklyn; F. H. HAESSLER, Milwaukee; D. F. HARBRIDGE, Phoenix; DAVID O. HARRINGTON, San Francisco; GEORGE N. HOSFORD, San Francisco; J. HEWITT JUDD, Omaha: BERTHA KLIEN, Chicago; HARVEY D. LAMB, Saint Louis; PARK LEWIS, Buffalo; M. LOMBARDO, Brooklyn; JOHN C. LONG, Denver; J. WESLEY MCKINNEY, Memphis; MAURICE MARCOVE, Denver; CLARENCE W. RAINEY, Chicago; EDNA M. REYNOLDS, Denver; H. D. SCARNEY, Detroit; T. M. SHAPIRA, Chicago; GEORGE H. STINE, Colorado Springs, Colorado; GEORGIANA D. THEOBALD, Oak Park, Illinois; J. B. THOMAS, Palo Alto, California; D. L. TILDERQUIST, Duluth, Minnesota; DERRICK VAIL, Cincinnati; FREDERICK A. WIES, New Haven, Connecticut; CHARLES ZIMMERMANN, Milwaukee.

PUBLISHED BY THE OPHTHALMIC PUBLISHING COMPANY 640 South Kingshighway, Saint Louis, Missouri

PLATES IN VOLUME 20, 1937

	Page
Plates 1 and 2. Sudden occlusion of retinal arteries, Arthur J. Bedell, each having four figuresfacing	1
Plate 3. Leiomyoma of the iris, Albert D. Frostfacing	347
Fig. 1 (color). The appearance of the left eye, showing the extent of the tumor and ectropion of the uvea.	13
Fig. 2. The tumor tissue infiltrating the iris stroma, with greatest thickness in the sphincter area.	
Plate 4. A study of the communication and direction of flow between cerebrospinal fluid and optic discs in the rat, J. Q. Griffith, Jr., W. A. Jeffers, A. G. Fewell, and W. E. Fry	457
Fig. 3. Photomicrograph of somewhat diagonally cut section of optic nerve, sheath, and adjacent connective tissue, showing thorotrast in the subarachnoid space of the nerve. The section is near the anterior extremity of the sheath.	
Fig. 4. Photomicrograph under higher power of connective tissue adjacent to the optic disc but external to the dural sheath of the nerve,	

Plate 5 (color). Staphylococcus conjunctivitis, James H. Allen facing 985

showing thorotrast within mononuclear cells.

- Fig. 1. Rabbit's eye six hours after instillation of one drop of staphylococcus toxin.
- Fig. 2. Rabbit's cornea stained with fluorescein after ten drops of staphylococcus toxin.
- Fig. 3. Right eye after instillation of one drop of staphylococcus toxin, t.i.d.; left eye after instillation of two drops of toxin-antitoxin, t.i.d.



AUTHOR INDEX

Compiled by EMMA S. Buss

Explanation: Numbers in heavy type refer to original articles, parenthetic numbers to abstracts

Abeles, M. M. (100). Abeles, M. M. (100).
and see Schneider, D. E.
Abramowicz, I. (210), (213).
Accardi, V., and Rossi, E. G. (440).
Adams, A. L., Gamble, R. C., Gifford, S. R.,
and Gradle, H. S. 60.
Adamük, V. E., Masur, B. L., and Bylgakova,
T. E. (653).
Adler, F. H. 412, 777.
Adrogué, E., and Tettamanti, J. (669).
and see Damel, C. S.
and see Malbran, J. and see Malbran, J.
Agatston, S. A. (873).
Agnello, F. (103), (213).
Aguilar, O. P., and Lijo Pavia, J. (88).
Alajmo, Biagio. (1076). Alajmo, Biagio. (1076).
Alamilla, G., and Branley, M. A. (547).
Alexandrov, V. V. (1184).
Aliquò-Mazzei, A. (319), (1176).
Alkales, A., see Sorsby, A.
Alkio, V. V. (106).
Allen, D. G. (655).
Allen, J. H. 1025.
Allen, T. D. 67, 525, (856).
Allende, I. M., see Urrets Zavalia, A.
Almeida, A. de, and Salas, M. (972). Allende, I. M., see Urrets Zavalia, A. Almeida, A. de, and Salas, M. (972). Alonso, F. A. (88), (541). Altenberger, S. (230). Alvaro, M. E. (858), (1267). and Pardo, D. (1184). Alves, O. (327). Alvis, B. Y., see Wiener, Meyer. Ancona, S., see Fisher, F. P. Anderson, R. G., and Gray, E. B. (964). Angius, Tullio. (1167). Anthonisen, H. (93), (95), (429), (765). Appelmans, M., and Michiels, F. (867). and see Marbaix. and see Van der Straeten. and see Marbaix.
and see Van der Straeten.
Araujo, O. P. de., see Tolosa, A.
Archangelskaja, N. D. (110).
Archangelskii, P. F. (223), (325), (1077).
Argañaraz, R. A. (336), (544).
Arguad, R., and Couadau, A. (766).
Argüello, D., and Grolman, G. von. (104).
and Pereira, R. F. (1267).
Arruga, H. 78, (100), (333).
Arslan, K., see Rinaldi, S.
Asarova, N. S., see Stepanova, H. B.
Asayama, R., and Takagi, A. (758).
Ascher, K. W. (551), (1181).
Ash, J. E. 951.
Ashbel, D. (1268).
Ask, O. (109).
Askalonova, T. M. (964).
and see Batrachenko, P.M. Askalonova, T. M. (964).
and see Batrachenko, P.M.
Athens, A. G. 66.
Atkinson, D. T. 1061.
Atkinson, F. R. B. (968).
Atkinson, W. S. (210).
Atlas, D., see Magoun, H. W.
Attiah, M. A. H. (319), (320), (431), (557).
and Sorour, M. (432).
and Tobey, A. F. (553), (557). and Tobgy, A. F. (553), (557).

1.11

Aubaret, E., and Farnarier, G. (1172). Avalos, E. (88). Averbach, M. I. (857), (872), (1077). Avery and Sorsby, A. 833. Avgushevich, P. L. (1082). Bab, W. (107), (650), (763), (1185). Babbitt, J. H., and Langdon, H. M. 524. Babenko, I. I. (975). Babenko, I. I. (9/5). Bader, A. (559). Badot, J. (110), (222), (972). Bagchi, S. K. (772). Bahr, G. von. (93). Bailliart, P. (543). and Biernacka-Biesiekierska, J. (224). Baird, J. M., see Clay, G. E. Bajenova, M. A., see Filatov, V. P. Bakhir, D. M. (659). Bakker, A. (328), (444), (444). Ballantyne, A. J. 191, (559), 639. and Michaelson, I. C. (545). and Michaelson, I. C. (545).

Ballenger, H. C., and Johnson, V. H. (1085).

Balser, B. H. (965).

Baltin, M. M., and Serebrianni, Z. M. (1282).

Balyeat, R. M. 580.

Bane, W. C. 537, 835.

Bane, W. M. 834.

Baratta, Orazio. (650), (756), (1265).

Barbel, I. E. (650), (1271).

Barkan, Hans, see Bettman, J. W. and see Fine, M. Barkan, Otto. (870), 1237. and Maisler, S. 504, (1268). and see Fine, M. Barrac, see Joiris. and see Weekers, L. Barrada, M. A., and Mohamed, I. A. (107).
Barrat, P., and Seigner, A. (110).
Bartels, M. (103).
Basile, G. B. (110).
Baskakov, K. F. (555).
Bass, Karl. (772).
Bassin, P. (320). Bassin, R. (329). and Skerlj, B. (981). Batrachenko, P. M., and Askalonova, T. M. (432).Batson, O. V. (211). Beard, H. 1064. Beard, H. 1064.
Bedell, A. J. 237, (545), (856), (867), (1065).
Beetham, W. P. 742.
Behr, C. 316, (761), (876).
Beisbarth, C. 184.
Belding, H. S., see Field, J. 2d.
Belgeri, F. (341).
Bellows, J. G. (93), (445).
and Rosner, L. (93), (445), 1109.
Bender, M. P. and Strauss, L. (965). Bender, M. B., and Strauss, I. (965). Benedict, W. L. (231), 945. Bengisu, Naci, (546). Benham, G. H., see Davson, H. Benham, R., see Sorsby, A. Berardi, M. (1175). and see Motolese, A.

Berens, C. 266, 293, (656), (873), (873).
and see McFarland, R. A.
Bereshnaya, A. G., see Merkulov, I. I.
Berg, F. (341).
Berliner, M. L. (213).
Bertoldi, Maria. (541).
Bettman, J., and Barkan, H. 131.
Bhaduri, B. N., and Biswas, C. K. (669).
Bielostotski, E. M., and Ilina, S. A. (1070).
Bielschowsky, A. 419, 478, (859).
Biernacka-Biesiekierska, J. (213).
and see Bailliart, P. and see Bailliart, P.
Bietti, G. (338), (857).
Biozzi, G. (85), (88), (88), (112), (112).
Birch-Hirschfeld, A. (429), (1074). Biozl, G. (83), (86), (86), (86), (112), (112), (113), (114), (115), (11 Bokermann, Ludwig. (972). Bonnet, P., Paufique, L., and Sarrazin, L. Borgeson, E. J. 303.
Borley, W. E. and Leef, Edward, 1232.
Borsello, G. (978).
Borsotti, I. (88), (664), (1167), (1169).
Borszczewski, S. (438).
Bory, see Tillé, H. Bossalino, G. (858), (865). Bosthman, L. 740, 822, 950. and Blaess, M. J. 69. and see Walsh, T. E. and see Walsh, T. E.
Boulgakow, B., see Riad, M.
Bourne, M. C., and Campbell, D. A. (328).
Boyd, Lindsay. (1073).
Brain, R. 188.
and Cairns, H. 187.
and Northfield, D. W. 188.
Braley, A. E., see O'Brien, C. S.
Brandi, A. J. (966).
Branly, M. A., see Alamilla, G.
Braun, R. (330).
Brecher, I. (107).
Brecher, J. (211), (763).
Brenta, J., see Coppez, J.-H.
Bressler, J. L. (216).
Bride, T. M., Duthie, O., and McNabb, H. H. (962).
Brobeck, V. H. 632, 633. Brobeck, V. H. 632, 633. Brock, S., see Davison, C. Broman, Tore. (93). Bröns, J. (1070).

Brown, A. L. 583.
and Pugh, J. (220).
Brown, E. V. L. 949, 1250.
Brown, R. (95).
Browning, S. H. 190, (659).
Bruce, G. M. 605.
Brück, A. J. (440), (559).
Brufman, R. I. (111).
Bruno, G. (116).
Bryant, F. L. 305.
Bucalossi, Antonio. (1277).
Buchanan, Mary. 1054.
Bücklers, Max. (1167), (1266).
Bujadoux, A. (650).
Bujadoux, A. (650).
Bulach, X. O. (335).
Bunge, E. (214), (447).
Burge, W. E., Wickwire, G. C., and Schamp, H. M. (667).
Burian, H. (429), (436).
and Schubert, G. (434).
Burke, J. W. (651).
Bürki, E. (1288).
Bursuk, G. G. (1066), (1067), (1077).
and Zakrzchevskaja, E. I., Schultz, V. A., and Khelle, K. A. (1067).
Busacca, Archimede. (218), (220), (545), (551), (559), (660), (773), (861), (1282).
Buschke, Wilhelm. (1179).
Buscmich, D. G. (Bushmich). (107), (555), (970), (1065).
Bussola, Ernesto. (553).
Bustamente v Velasco, M. (759).
Butler, T. H. (756), (1073).
and Wilson, A. J. (978).
Bylgakova, T. E., see Adamük, V. E.
Byrne, J. B. (1174).

Cadei, Ercole. (861).
Cadéot, Robert. (560).
Cairns, H., see Brain, R.
Calogero, V. N. (218), (328).

Byrne, J. B. (1174).

Cadéot, Robert. (560).
Cairns, H., see Brain, R.
Calogero, V. N. (218), (328).
Campbell, D. A., see Bourne, M. C.
Campbell, E. H. (101).
Campos, Raffaele. (669).
Caocci, G. (553).
Capon, H. B., see Ellis, R. W. B.
Cappetta, D. and Motolese, A. (325).
Caramazza, F. (85), (93), (96), (96), (105), (112), (116), (557), (1275).
and Toni, G. de, and Puglisi-Duranti, G. (438).
Cardell, J. D. M. 190, (660).
Cardello, Giovanni. (551), (551).
Carle, T. (114).
Carleton, E. H. 419.
Carns. (560).
Carroll, F. D. (451).
Casà, G. (325).
and Mura, F. (1268).
Case, J. T. 196.
Casini, F. (868).
Cassidy, M. (658).

Cassuto, Nathan. (861). Cattaneo, D. (438), (757). Cavallacci, G. (442), (968). Cavara, Vittoriano. (1282).

Cave, H. A., see Thomson, M.
Cavina, C., see Marzio, Q. Di.
Chance, B. (114), (773), (981).
Chandler, P. A. (763).
Chapman, K. H. (105).
Chapuis, see Tillé, H.
Charamis, J. (336).
Charlin, C. C., and Gomez, L. (112).
Charpentier, G. (96), (96).
Chen, P., and Ling, W. P. (451).
Chepurin, N. O. (975).
Ch'i, H. C. (660).
Chiazzaro, D. (90).
Chichkanova, A. H. (975).
Chiniara, J., see Frogé.
Chluser, G. P. (1067).
Chochlova, A. H., see Gassovskii, L. H.
Chorazycka-Weintalowa, A. (230).
Chordas, S. M. (1268).
Chung, H. L. (547).
Ciotola, G. (88), (443), (868).
Claes, E. M.-J. (862), (868).
Claessen, L. (768).
Clark, Brant. 1142. Cave, H. A., see Thomson, M. Clark, Brant. 1142. Clark, W. B. 808. Clay, G. E., and Baird, J. M. (105), (762),

acts

amp,

. A.,

545), 2).

555),

105),

ti, G.

Clegg, J. G. (333). and Moore, F. C. (555). Cockayne, E. A. (97), (227). Cohen, H. (761). Cohen, Martin. (660), (964). Cole, G. E. 315.

Cole, G. E. 315.
Colenbrander, M. C. (1266).
Collenza, D., and Jabilonski, W. (1275).
Constantine, K. W. 728.
Contino, A. (443).
Cooperman, H. O. 1147.
Coppez, J.-H., and Brenta. (232).
Coppez, Leon. (225). (874), (1077).
Cordes, F. C. 53, (452), (961).
Corrado, A. (440). Correa de Barros, E. (326). Corwin, W. C., see Essex, H. E. Couadau, A., see Arguad, R.

and see Ducuing. Coulouma and Lesenne. (759). Courtis, B. (219). Cowan, A. (341), 838, 1055. and Fry, W. E. (962). and Sinclair, S. M. (114), (773).

Creak, M. (214). Crisp, W. H. 193, 198, 311, 420, 529, 643, 750, 836, 841, 955, 1059, 1156, 1259.

Crooks, K. B. M. (656). Csillag, F. (328), (335), (757), (757), (759). Cuénod, A. (560).

Cuenod, A. (300).

and Nataf, R. (438), (862), (1074), (1277).

Cunningham, E. R. (773).

Curin, Juraj. (865).

Custodis, E. (1065), (1277).

Czukrasz, Ida. (1170).

Dalsgaard-Nielsen, Esther. (1085). Dalton, S. J., see Tartakoff, S.

Damel, C. S. (117), (968), (1175), (1185). and Adrogué, E. (228).

Damian, E., see Lazarescu, D.

Dart, R. O., see Hill, E.

Dashevskii, A. I. (981), (1065). and Saretzkaja, R. G. (1070).

Dauksys, J. (335).

David H., see Pillat, A.

Davidoff, L. M., and Dyke, C. G. 908.

Davis, D. B., and King, J. C. (968).

Davis, E. A. 855.

Davis, F. A. (667).

Davison, C., Brock, S., and Dyke, C. G. (669). Damel, C. S. (117), (968), (1175), (1185).

(669).

Davson, H., Duke-Elder, W. S., and Benham, G. H. (326). Dawson, W. T., Permar, H. H., Johnston, J. M., and Maclachan, W. W. G. (966).

De Jaeger, A. (216).
De jaeger, A. (216).
Dejean, C. (105).
De Jong, R. N., see Fralick, F. B.
Dekking, H. M. (858).
Delanoë, E. (560).
Demaira (Demaria), E. B. (341), (773).

Denecke, H. (339).

De Nigris, G., see Marzio, Q. Di. Denti, A. V. (768), (1181). Dérer, Josef. (111), (978). Derkač, V. (1278). De Sanctis, G. E. (113). De Walsche, L. (219). Diaz-Dominguez, D. (326). Dibold, H., see Purtscher, E.

Diez, M., see Lijo Pavia, J.
Dimitry, T. J. 40, (654).
Dimshitz, L. A. (1271).
Diponegoro, R. M. A., and Houwer, A. W.

M. (660). Dirion, J. K. **299**. Disler, H. H. (328).

Doesschate, G. ten, and Fischer, F. P. (1271). Donin, I. K. (665).

Dopheide, E. (232).
Dor, M. L. (1181).
Doshay, L. J., see McKendree, C. A.
Dosorzeva, P. M., and Krasnov, M. L. (966).
and see Krasnov, M. L.

D'Osvaldo, E. (440). Duc, C. (101), (543), (769), (1288). and see Petterino Patriarca, A

and see Petterino Patriarca, A.
Ducuing, Couadau, and Lu-Van-Xuong. (336).
Duggan, J. N., and Nanavati, B. P. (113).
Duggan, W. F. (227), (966).
Duke-Elder, Sir W. S., see Davson, H.
Dunnington, J. H., and Khorazo, D. (219).
Dunphy, E. B. 742.
Dupuy-Dutemps, P. (216).
Durando, F. (441).
Durr S. A. 178.

Durr, S. A. 178.

Duthie, O. M. (544), (962).

and see Bride, T. M.

Dvishkov, P. P., and Gubin, V. M. (1183). Dyke, C. G., see Davidoff, L. M. and see Davison, C.

Dymling, O. (97).

Ebbehöj, E. (109). Eggers, Harry. (656). Ehlers, Holger. (214), (330), (548), (870), (972). Ekdawi, A. Y. (452). Ellett, E. C. (872), 1051. Ellis, R. W. B., Sheldon, W., and Capon, N. B. (865). Elsberg, C. A., and Spotnitz, H. (1070). Elschnig, H. (757). Ennema, M. C. (339). Enroth, E. (341). and Werner, S. (429). Ernsting, H. C. (963), (972). Ernyei, S. (117). Ernyei, S. (117).
Essen-Möller, L. (320).
Esser, A. A. M. (114), (774), (774).
Esser, J. F. S. (107), (548).
Essex, H. E., and Corwin, W. C. 153.
Esteban, M. (93), (107).
Esterman, B., see Schoenberg, M. J.
Evans, J. N. (206), (651), (981).
Evans, P. J. (964).

Fahmy, A. Y. (326), (328). Fai, M. C. (660). Fain, I. E. (551), (656). Falcão, E. de C. (1283). Fanchamps, J., see Joiris. and see Weekers, L. Farid, Nasr. (432). Ferdinando. (555), (656), (665), Farina, (964). Farnarier, G., see Aubaret, E. Fasselova, M. (107). Favaloro, Giuseppe. (1081), (1167). Federici, Ermanno. (1067), (1168), (1278), (1283).Feigenbaum, A. (107). Fejér, J. (102). Fejér, J. (102). Feldman, J. B. 1056, (1065), (1068). Fenn, W. O., and Hursh, J. B. (1073). Fernandez Balbuena, F. (342). Ferree, C. E., and Rand, G. 21, 286, (651), 797. 797.
Fewell, A. G., and Kauffman, W. L. 1055. and see Griffith, J. Q., Jr. and see Jeffers, W. A.
Fialho, Abreu. (548).
Field, J., 2d, Tainter, E. G., Martin, A. W., and Belding, H. S. 779.
Filatov, V. P. (865), (871), (1077), (1283). and Bajenova, M. A. (1283).
Filippi-Gabardi, E. (97), (104), (104), (109), (109), (113), (217), (453).
Fincham, E. F. (858), (859).
Fine, M. 943. Fine, M. 943. and Barkan, H. 277. and Barkan, O. 45. and Lachman, G. S. 708. Fiore, T. (339), (1170). Fischer, Franz. (343). Fischer, F. P. (1078). and Ancona, S. (322).

and see Doesschate, G. ten. and see Van Heuven, J. A.

and see Weve, H. J. M. Fisher, W. A. 1062. Flachs, H. (105). Flaxman, N. (114). Fledelius, M. (761), (868). Flores da Cunha, J. (1271). Florov, H. Z. (341), (436). Flury, J. A. 749. Focosi, Marcello. (1182). Focosi, Marcello. (1182).
Folk, M. L. 511, 747.
Fontana, G. (651), (1168).
Ford, F. F., and Walsh, F. B. (860).
Foroni, C. (206).
Fortin, E. P. (434).
Fox, J., and German, W. (228).
Fox, S. A. (223).
Fralick, F. B. 795.
and De Jong, P. N. 1119. Fralick, F. B. 795.
and De Jong, R. N. 1119.
Franceschetti, A., and Kiewe. (1078).
and Rutishauser, E. (968).
and Schläppi, V. (436).
François, J. (85), (226), (766), (872).
Francois, W. de, see Gradle, H. S.
Frank, F. (1288).
Frank, Helene. (859).
Franklin, C. R. (671).
Franta, J. (114), (223).
and see Reimova-Frantova, M. and see Reimova-Frantova, M. and see Reimova-Frantova, M. Franzusov, B. L., see Zbarskii, A. I. Frattini, P. G. (1074). Frazer, A. D. (1078). Freiberger, M. (85), (969). Fridenberg, P. (771). Frieberg, T. (217). Friede, R. (86), (1283). Friedenwald, J. S. (90), 951, 985. and Pierce, H. F. (871). Friedman, S. I. (555). Fritz, M. (759), (874). Frogé and Chiniara, J. (1185). Frogé and Chiniara, J. (1185). Frommel, E., and Zimmet, D. (869). Frost, A. D. 347, (766). Fry. W. E. (654). and see Cowan, A. and see Gowan, A.
and see Griffith, J. Q., Jr.
and see Jeffers, W. A.
Fuchs, A. (211), (759), (1086), (1179), (1183).
Fulton, J. F., see Spence, K. W.

Gabriélidés, C. (975).
Gaevich, E. P. (336).
Gala, A. (214), (1278), (1279).
Galewska, Z. (219), (228).
Galindez, J., see Lijo Pavia, J.
Gallenga, Riccardo. (549), (1170).
Gallorani, Giovanni. (1271).
Gallois, J., and Viard, P. (91).
Gama, Carlos. (973).
Gamble, R. C., see Adams, A. L. Gamble, R. C., see Adams, A. L. Garcia Querol, A., see Gil, R. R. Gardilčić, Ante. (970), (1081). Gassovskii, L. H., and Chochlova A. H.

and Nicholskaja, H. A. (435), (1070). Gasteiger, H. (1078). Georgariou, P. M. (970).

Gerber, A., and Lambert, R. K. (206). Gerhartz, H. (429). Gerke, J. (764). Gerstman, S. R. 833, 834. Gertz, H. (214), (1071). Gesell, A., and Blake, E. M. (670). Ghose, A. K. (671). Gialho, Abreu. (762). Gifford, S. R. 68, (226), 755. and Puntenney, I. (963). and see Adams, A. L. and see Tilden, E. B. Gil, R. R., and Garcia Querol, A. (654). and see Adams, A. L. and see Tilden, E. B. Gil, R. R., and Garcia Querol, A. (654). Gilbert, J. T., see Hilgartner, H. L. Gill, W. D. 408. Ginsberg, see Reynolds. Giovanni, Bruno. (447). Giqueaux, R. E. (769). Giri, D. V. (228). Giuffrida, E., and Tristaino, L. (105). Gjessing, G. A. (93), (104). Glees, M. (102). Glick, D., and Biskind, G. R. (445). Glover, L. P. 61, (1073). Glücksmann, A., and Tansley, K. Goddard, F. W. (551). Godlevskii, L. B. (322). Goedbloed, J. (874), (874), (874). Goldberger, E. (230). Goldfeder, A. E. (1074). and Kipelovich, M. A. (557). and Moldayskais, V. D. (651). and Kipelovich, M. A. (557). and Moldavskaja, V. D. (651). and see Stepanova, H. B. Goldmann, Hans. (97), (1168). Goldstein, I. (228). Goldstein, I. (228).
Gomez, L., see Charlin, C. C.
Gonçalves, Paiva. (761).
Goodhart, G. W., see Sorsby, A.
Goodman, E. L. 952.
Gordon, B. L. (774).
Gotlieb, E. S., see Natanson, D. M.
Goulden, C. 191.
Gouterman, J. I., see Shannon, C. E. G.
Gowen, G. H. (1279).
Gradle, H. S. 77, 300, 521, 1064, 1125.
and Francois, W. de. (1185).
and see Adams, A. L.
Graf, K. (866). and see Adams, A. L.
Graf, K. (866).
Grafova, Kornelia. (1284).
Grancini, E. (84).
Granit, R. (214).
Granström, K. O. (217), (670), (764).
Grant, H. W. 304.
Gray, E. B., see Anderson, R. G.
Greeff, R. (774), (1185).
Green, J. 627, (774), 942.
Greene, M. L. 74.
Greeves, R. A. (759).
Griffith, J. Q., Jr., Jeffers, W. A., Fewell,
A. G., and Fry, W. E. 457.
and see Jeffers, W. A.
Grolman, G. von. (324), (1266).
and see Argüello, D.
Grönholm, V., and Kangasniemi, M. (94).
Grönvall, H. (105).

stracte

183).

H.

Gross, J. 306. Grosz, E. de. (339), (1185). Grosz, E. de. (339), (1185).
Grosz, Etienne de. (871).
Grosz, St. de. (88), (211), (322), 700.
Grzedzielski, J. (233).
and Lapierre, J. de. (432).
Gubin, V. M., see Dvishkov, P. P.
Guillaumat, L., see Hartman, E.
Guillery, H. (442).
Guliakov, M. F. (979).
Gump, M. E., Hester, E. G., and Lohr, O. W (549).
Gurvich, V. A. (062) Gurvich, V. A. (962). Gutsch, W. (212). Gutzeit, R. (1073). Haas, M. E. (862).
Haden, H. C. (672).
Hadibrota, R. S. (661).
Haemmerli, V. (539).
Hagedoorn, A. 13, (562), 690, (775), (973).
Hageman, G. R. 194.
Halbron, Pierre, (557), (979).
Haldimann, C. (221), (866).
Hamburger, F. A. (976), (1177).
Hamburger, R., see Sorsby, A.
Handmann, M. (1171).
Hanks, J. H. 951.
Hansen, E. W. 832.
Hanum, Stun. (1284). Hansen, E. W. 832.
Hanum, Stun. (1284).
Hardy, Guerdan. 599, 749.
Hardy, LeG. H. 744.
Hare, W., see Magoun, H. W.
Harrison, R. W., and Julianelle, L. A. 360.
and see Julianelle, L. A.
Harrison, W. J. (221), 410, 523.
Harriy, (560). Hartinger, H. (1171). Hartinger, H. (1171). Hartman, E., and Guillaumat, L. (967). Hartmann, Edward. (856). Hartmann, K. (769). Slartshorne, I. 724. Hartwell, R., see Von Hamm, E. Hasler, W. T., and Spekter, L. (1279). Hatschek, Gustav. (1175) Hausmann, Gertrud. (1165). Heath, Parker. 401, (432), (771), (970). Hecht, Selig. (964). and Shlaer, S. (656). and Shlaer, S. (656).
Heine, L. (543).
Heinonen, O. (84), (214).
Heinrich, A. (207).
Heinsius, E. (211), (339), (1068).
Hennebert, P., see Van Lint, A.
Henton, H. C. (666).
Herken, H. (108).
Herman, E. (552).
Hermans R. (229), (860). Herman, E. (552).
Hermans, R. (229), (860).
Herrmann, R., and Kiewe, P. (207).
Herzau, Werner. 418.
and Ogle, K. N. (1272).
Hesdorfer, M., see Scammon, R. E.
Hessing, E. E. (872).
Hester, E. G., see Gump, M. E.
Heuven, J. A. van, see Van Heuven, J. A.
Hicks, A. M. 1040.
and Hosford, G. N. (658).

and Hosford, G. N. (658).

Hildreth, H. R. 76, 626, 1249.
Hilgartner, H. L., Hilgartner, H. L., Jr., and Gilbert, J. T. 1032.
Hilgartner, Henry L., Jr., and Hilgartner, H. L. 387.
And see Hilgartner, H. L.
Hill, E., and Dart, R. O. (553).
Hill, H. (94).
Höeg, N. (94), (766).
Hofe, K. vom. (94), (1284).
Holm, Ejler. (1179).
Holmes, Gordon. (1173).
Holmes, Gordon. (1173).
Holmström, J. (91).
Holth, S. (336).
Horanszky, N. (334).
Horner, W. D. (224).
Horniker, E. (97), (1084).
Hörven, E. (91).
Hosford, G. N., see Hicks, A. M.
Hou, H. C. (558).
Houwer, A. W. M., see Diponegoro, R. M. A.
Howell, S. C. (432).
Howland, Alvin. 1254.
Hradecka, J., Joachim, J., and Kodicek, E. (1168), (1169).
and Knobloch, R. (84).
Hrom, Stanislav. (558).
Hudelo, A., and Voisin, J. (869).
Hughes, C. A. (981).
Hughes, W. L. 887.
Hůlka, J. H. 627, (666).
Hunt, G. A. (658).
Hursh, J. B., see Fenn, W. O.
Hynie, Jiri. (223), (1279).

Iankevich, E. F. (552).
Igersheimer, J. (102).
Iglei, H. (1284).
Ilina, S. A., see Bielostotski, E. M.
Imre, J. 527.
Indra, H. K. (113).
Iofe, Z. M. (555), (1071).
Isaacs, M. L., see Thompson, R.
Isassi, H. F. (544).
Iufa, N. Z. (981).

Jabilonski, W., see Collenza, D.
Jablonska, Z. (108), (221).

Jackson, E. 16, 80, 203, 313, 422, (435), 531, 642, 957, 1046, 1060, 1062.

Jackson, Sylvia, see Lyle, Keith.
Jacobs, I. 1042.

Jacobson, J. (219).

Jaeger, A. de. (863).

Jaeger, E. (324).

Jäger, Alfred. (447).

Jakovleva, A. A. (320).

Jameson, P. C. (447), (764).

Jankevich, E. F. (1082).

Janssens, see Wibo, M.

Jaswal, J. N. (871).

Jauernig, Gottfried. (1078).

Jayle, G. E., see Sédan, J.

Jeancon, E. C. 302.

Jeans, P. C., Blanchard, E., and Zentmire, Z. (1272).

Jedlowski, P. (102).
Jeffers, W. A., Griffith, J. Q., Jr., Fry, W. E., and Fewell, A. G. 881.
and see Griffith, J. Q., Jr.
Jeghers, Harold. (964).
Jensen, V. A. (97), (1179).
Joachim, J., see Hradecka, Jr.
Johannsen, E. (109), (433), (661), (1185), (1289).
Johnson, G. L. (215).
Johnson, S. W. (328).
Johnson, V. H., see Ballenger, H. C.
Johnston, J. M., see Dawson, W. T.
Johnston, T. H. (672).
Joiris, N. P., Fanchamps, and Barrac. (762).
Jones, V. L. 305.
Joy, H. H. (960).
Judge, H. V. (976).
Jufa, N. Z., see Kotlarevskaja, S. Z.
Juler, Frank. 191, 1048.
Julianelle, L. A., and Harrison, R. W. 353.
and Harrison, R. W., and Morris, M. C. (1074).
and Morris, M., and Harrison, R. W. 890.
and see Harrison, R. W.
Jung, J. (763).
Just Tiscornia, B., see Martinez Barrios, R.

Kadlicky, R. (224).
Kalashnikov, V. P. (1183).
Kaleff, R. (764).
Kamman, G. R. 1132.
Kamogawa, A. (330), (670).
Kangasniemi, M., see Grönholm, V.
Kapuscinski, W. J., Jr. (438).
Karbowski, M. (215), (233), (1268).
Karsch, J. (86), (226).
Kasas, I. I. (1068).
Katz, P. A. (1068).
Katz, P. A. (1068).
Katznelson, A. B. (324).
and Meksina, F. M. (875).
Kauffman, M. Luther. 638.
and see Fewell, A. G.
Kaz, R. A. (982).
Keller, J. M. 749.
Kelly, B. W., see Knighton, W. S.
Kentgens, S. K. (1266).
and see Weve, H.
Kessler, J. (435).
Kessler, R. (1269), (1289).
Kestenbaum, A. (658).
and Novotny. (1276).
Khalil, M. (329), (549).
Khayoutin, S., see Ukolova, M. A.
Khelle, K. A., see Bursuk, G. G.
Khorazo, D., see Dunnington, J. H.
and see Thompson, R.
Khoroshina, A. G. (539).
Kiang, S. M. (539), (542), (542), (661).
Kiehle, F. A. 565, (866).
Kiewe, P. (219).
and see Franceschetti.
and see Herrmann, R.
King, C. 149, (452).
King, E. F. (233).
King, J. C., see Davis, D. B.

Kinukawa, Ch., see Koyanagi, Y. Kipelovich, M. A., see Goldfeder, A. E. Kiseleva, E. H. (84). and see Kotlarevskaja, S. Z. Kiss, W. (111), (1083). Kissin (Kisin), P. E. (651). Kitahara, Sakae. (97). Klar, R. (1284).

Klauber, E. (104), (340), (433). Klauder, J. V. 636. Kleefeld, G. (207), (875). Klein, Miklós. (670). Kliachko, M. L. (1068). Kliachko, M. L. (1068).
Klien, B. A. (343), 812.
Klikova, A. L. (1081).
Klivanskaja, A. A. (336).
Knapp, Arnold. (225), (445).
Knapp, A. A., see Blackberg, S. N.
Knapp, H. C. 820.
Knehr, C. A., see McFarland, R. A.
Knighton, W. S., and Kelly, B. W. 182.
Knobloch, R. (207), (220).
and Knobloch, J., (1289).
and see Hradecka. I.

acts

E.,

35).

52).

390.

R.

and see Hradecka, J. Knox, Andrew. 412

Kodicek, E., see Hradecka, J. Kokott, Werner. (433).

Kokott, Werner. (433).
Kolacny, J. (115).
Kolenko, A. B. (323), (552).
Koman Nayar, K., see Wright, R. E.
Komarovich, L. B. (539).
Konowna, J. (229).
Kopp, I. F. (1079).
Koppich-Iláh, Lidia. (1279).

Koppich-Han, Lidia. (1279).

Kosmin, V. I. (547).

Kostenko, P. G., see Natanson, D. M.

Kotlarevskaja, S. Z. (1071).

and Jufa, N. Z. (89).

and Kiseleva, E. H. (430).

Kovarskaja, S. S. (545).

Koyanagi, Y. (447).

and Kinukawa, Ch. (1171).

And Kinukawa, Ch. (1171).

Krachmalnikov, L. L. (323).

and Kuprianova, H. A. (337).

Kraskin, S. Z. (1071).

Krasnov, M. L., Levkoeva, E. F., and Dosorzeva, P. M. (966).

and see Dosorzeva, P. M.

Kraupa, F. (115). (221). (326). (341). (560).

Kraupa, E. (115), (221), (326), (341), (560), (859).

and see Wokurek, W

Krause, A. C. (226), (435), **508**, (873). Kravkov, C. B. (S. V.) (435), (1071), (1272). Kreibig, Wilhelm. (91), (220), (970). Krilov, T. K. (540).

Krilov, T. K. (540).
and Rostovtzev, B. I. (661).
Krimsky, E. (659).
Krol, A. G. (1285).
Kronfeld, P. C., and Lin, C. K. (443), (869).
Krümmel, H. (1079).

Krynski, Kazimierz. (1183).

Kugelberg, I. (94). and Sandstrom, A. E. (430).

Kukán, Franz. (98), (207). Kuprianova, H. A., see Krachmalnikov, L. L. Kurlat, P., see Satanowsky, P.

Kurz, J. (115). Kurz, O. (869), (1179). Kwaskowski, Adam. (540), (1075). and Sluskowska, A. (234).

Lachman, G. S., see Fine, M. Ladekarl, P. M. (89), (98), (325), (1176). Lafon, see Viallefont, H. Lagleyze, P. (86). Lamb, H. D. 390, 490, (869), (963).

Lambert, R. K., see Gerber, A. Lancaster, W. B. 948, (976), (982), 1221. Landegger, G. P. 205, 302.

Landegger, G. P. 205, 302.
Lane, L. A. (973).
Langdon, H. M., see Babbitt, J. H.
Lange, Oswaldo. (965).
Langhammerova, R. (229).
Lapierre, J. de. (542).
and see Grzedzielski, J.
Larkin, K. F., see Unsworth, A. C.
Larkin, R. J. 195.
Lasky, M. A. 399.
Lauber, H. (227), (1273).
Laughlin, R. C. 396.
Law, F. W., see Juler, F. A.
Lawson, Arnold. (766), (982).
Lazar, N. K. (558), 928.
Lazarescu, D. (221).

Lazarescu, D. (221). and Damian, E. (320), (337). and see Puscariu, E

and see Puscariu, E.
Lebensohn, J. E. (115), 183, 308.
Lee, Tao. (774).
Leef, Edward, see Borley, W. E.
Leimgruber, M. (452).
Lemoine, A. N., and McLeod, John. (553).
Lenz, Georg. (212).
Lessenne, see Coulouma.
Levina, L. C. (89).
Levinsohn, S. (106).
Levkoeva, E. F. (961), (1279).
and see Krasnov, M. L.
Lewis, A. C. 1051.

Lewis, A. C. 1051. Lewis, C. E., Raines, R., and Stewart, D. S. (869).

(869).
Lewis, Park. 532, 1063.
Lewis, P. M. (771).
Leydhecker, F. K. (208).
Librowicz, M. (560).
Licheri, G. (441), (1269).
Lijo Pavia, J. (208), (208), (208), (430), (445), (545), (651), (652), (652), (661), (757), (856), (856), (963), (1068).
and Diez, M. (771).

and Diez, M. (771). and Galindez, J. (979). and Vasquez Ferro, M. A., and Galindez,

J. (220). and Yrigoyen, L. (89). and see Aguilar, O. P. and see Victoria, M. Lillie, W. I. (769).

and Peckham, R. H. 839. Lin, C. K. (452), (549). and see Kronfeld, P. C.

Lindberg, J. A. (330). Lindeman, H.-O. (1273). Lindner, K. (448), (856), (1171).

Ling, M. H. (556).
Ling, W. P. (438), (545).
and see Chen, P.
Linksz, A. (1177).
Lipovich, H. (549).
Lipschutz, H. (215).
Lisch, K. (866), (980), (1084).
Litinskii, G. A. (215), (560), (656), (1066).
Lloyd, R. I. (667).
Lobeck, E. (652).
Lobel, A. (320).
Lodato, G. (442).
Lodherg, C. V. (1276).
Löhlein, W. (775).
Löhr, H. (212).
Lohr, O. W., see Gump, M. E.
Lombardo, M. 205.
Long, E. R. 412.
Longo, P. W. (966).
Lopez Albo, W. (102).
Lordan, J. P., and Stimson, R. L. 1145.
Letin, A. B. (106).
Lowell, W. H., and Walker, C. E., Jr. 518.
Löwenstein, A. (330).
Lucheri, Giovanni. (558).
Luckiesh, M., and Moss, F. K. 469, 1264.
Ludvigh, E. J. 260, 844.
Ludvigh, E. J. 260, 844.
Ludede, W. H. (208).
Lugli, L. (86), (94), (556).
Lundberg, Åke. (109), (973), (1075), (1182).
Lut., A. (672).
Lut-Van-Xuong, see Ducuing.
Lyle, T. K. (659).
and Jackson, Sylvia, 427.
and see Wolff, Eugene.
Lyritzas, D. (875).

MacCallan, A. F. 80, 191, 426, (863), (1280). MacDonald, A. E. (231), (766). Macgillivray, A. M., and Macleod, A. S. (1071). Maclean, W. W. G., see Dawson, W. T. MacLean, A. L. (666). Macleod, A. S., see Macgillivray, A. M. Madroszkiewicz, M. (1285). and Przybylkiewicz, Z. (1280). Maggiore, L. (98). Magitot, A. (327), (1269). Magoun, H. W., Atlas, D., Hare, W., and Ranson, S. W. (453). Maisler, S., see Barkan, O. Majewski, K. W. (115), (1185). Makarov, H. H. (340). Malbran, Jorge. 536, (1164), (1174). and Adrogué, E. (325). and Picoli, H. R. (1183). and Riega, E. de la. (334). and see Soriano, F. Maldonado Allende, I., see Urrets Zavalia, A. Malkin, Boris. (230). Mamola, P. (442). Manes, A. J. (654). Manunza, Paolo. (1071).

Marbaix and Appelmans. (980).
Marbourg, E. M. 633, 633.
Marcus, J. M., and Wainer, K. G. (439).
Marin Amat, M. (661), (668), (976), (1083).
Marković, Aćim. (869).
Marks, E. O. (1185).
Marlow, F. W. (437).
Marmalevski, K. V. (1079).
Marguez, M. (662). Marmalevski, K. V. (1079).
Marquez, M. (662).
Marsh, E. J. (763).
Mar, G. I., see Zolotareva, M. M.
Martin, A. W., see Field, J., 2d
Martin, H. E., and Reese, A. B. (553).
Martin, J. E. (1269).
Martin, Philippa. 192, (770), (976).
Martinez Barrios, R., and Just Tiscornia, B. (770).Martinez, E. S. (1075). Matinez Hinojosa, F. (857). Martinez Hinojosa, F. (657).
Marucci, L. (556), (670).
Marzinkovskii, A. P. (1285).
Marzio Q. Di. (558), (561), (973).
and Cavina, C., and De Negris, G. (453).
Massoud, Farid. (84), (439), (1075).
Masur, B. L., see Adamük, V. E. Mathis, Giovanni. (1075). Mattos, B. W. (98), (103), (234). Matveev, I. D. (657). Mauksch, H. (1079). Maxwell, J. T. 1160. Mayendorf, N. (334) Mayendorr, N. (334).
Mayer, L. L. 828, (857), 949, (980).
Mazzei, Amedo. (1071).
McArdle. 189.
McCrea, W. B. E. (774).
McDannald, C. E. (233).
McFarland, R. A., Knehr, C. A., and Berens, C. 1204. McKee, S. H. (438), (661), (973). McKee, S. H. (438), (661), (973).
McKendree, C. A., and Doshay, L. J. (671).
McKinney, J. W. 1052.
McLeod, John, see Lemoine, A. N.
McMullen, W. H. (329), 415.
McNabb, H. H., see Bride, T. M.
Meader, R. (657).
Mecca, Mario. (1164).
Medinger, see Toulant, P.
Medvedjev, N. I. (971).
Meesmann, A. (542). Meesmann, A. (542). Mehkri, M. S., see Narayana Rao, B. K. Mehlmack, F. (115). Mehlmack, F. (115).
Mehney, G. H. (109).
Meisner, W. (98).
Meksina, F. M., see Katznelson, A. B.
Melanowski, T. (561).
Melanowski, W. H. (215), (230), (561).
Melik-Musian, B. H. (558). Melik-Musian, B. H. (538).
Melnik, Wlodzimierz. (439).
Melvin, G. S., see Salsbury, C. R.
Mendoza, R. (437).
Mercandino, C. P. (654).
Merkulov, I. I. (335), (546), (554).
and Bereshnaya, A. G. (967).
and Minkin, S. (91), (962).
Merrill, H. G. (217).

Merrill, H. G. (217). Mescherskii, H. H. (1079). E

IN

(1083).

bstracts

Metivier, V. M. (766). Meyer, G. P. 412. Michaelson, I. C. (860). and see Ballantyne, A. J. and see Ballantyne, A. J.
Michail, D. (337), (971).
Michiels, F., see Appelmans, M.
Mielke, S. (559).
Mieses-Reif, M. (229), (657), (1084).
Mihail, A. C. (863).
Miklos Andra (1176)

Mileses-Reil, M. (223), (657), (1654).

Mihail, A. C. (863).

Miklos, Andor. (1176).

Miller, F. 306.

Miller, Hugh. 165.

Miller, I. H., see Rabkin, E. B.

Mills, C. K. 408.

Mills, L. (115).

Minkin, S., see Merkulow, I.

Minton, Joseph. (212), (340), 640, 833.

Modrzewski, Tadusz. (1285).

Moehle, W. (225).

Mohamed, I. A. (321), (559), (654).

and see Barrada, M. A.

Moldavskaja, V. D., see Goldfeder, A. E.

Moncreiff, W. F. 744, 1245.

Moore, J. C., see Clegg, J. G.

Moore, J. I. 1099.

Morard, G., see Toulant, P.

Moretti, E. (86), (106), (215), (554), (763), (866).

(866).Morgan, A. L. (231).
Morris, I. B., see Sorsby, A.
Morris, M., see Julianelle, L. A.
Moss, F. K., see Luckiesh, M.
Mossa, Giovanni. (1164). Motolese, A. (1273)

and Berardi, M. (215). and see Cappetta, D.
Motolese, F. (89), (556).
Motto, M. P. (767).
Moulton, E. C. (758).

Moutinho, (106). Müller, H. K. (94), (95), (446), (758), (1165). Müller, S. B. (340).

Müller, S. B. (340). Mura, F., see Casá, G. Murphy, F. G. (108). Muscatello, F. (550). Musilev, F. I. (1072), (1273). Mutch, J. R. (756), (875).

Nagy, A. (323). Nakamura, B., and Uchida, Y. (1165). and Uchida, Y., and Nakamura, O. (771).

Nakamura, O., see Nakamura, B. Nanavati, B. P., see Duggan, J. J. Narayana Rao, B. K., and Mehkri, M. S.

Nasarov, I. I. (870).
Nastri, F. (433), (1169), (1274).
Nataf, R., see Cuénod, A.
Natanson, D. M., Peisachovich, I. M., Vinogorov, D. P., and Kostenko, P. G. (340).
and Torgovitzkaja, E. V., and Gotlieb, E. S. (1069).

and Vinogorov, D. P. (976). Nazarov, I. I. (337), (540). Neame, Humphrey. 188, (760), (1079).

Neely, J. M. (1180).

Neely, J. M. (1180).
Neminskii, E. M., and Salkin, V. P. (866).
Neuman, L. (228).
Neumann, J. (231), (430).
Newsholme, H. P. 190, (662).
Nicholskaja, H. A., see Gassovskii, L. H.
Nielsen, J. M., and Von Hagen, K. O. (453).
Niemeyer, Waldemar. (1266).
Nixon, J. A. (774).
Nižetić, Zdravko. (441), (540), (1080), (1269), (1270).
Nordenson, J. W. (1274).

(1269), (1270).
Nordenson, J. W. (1274).
Nordlow, W. (217), (1069).
Nordstedt, A. (860).
Northfield, D. W., see Brain, R.
Novikov, F. M. (342).
Novotny, see Kestenbaum.
Nugent, O. B. 195, (213).
Nuñez Llanes, F. (442).
Nyguist R. (92).

Nyquist, B. (92).

Oakley, C. L. (1066).
Oast, S. P. (977).
Obregon Oliva, R., see Urrets Zavalia, A. O'Brien, C. S. (225), 1256.
and Braley, A. E. (110), (767).
Ochapovskaja, N. V. (1183).
Ochi, S. (540).
Octoberg, C. (877).

Oesterberg, G. (877). Ogle, K. N. 418. and see Herzau, W.

and see Herzau, W.
Ohm, Gerd. (443).
Ohm, J. (319), (437), (659), (860), (1276).
Okolov-Hrynklewiczowa, Z. (233).
Olah, E. (863), (870).
Oliva, R. O., see Urrets Zavalia, A.
Oliveira Bastos, F. de. (977).
Ollendorff, U. (89).
Oloff, Hans. (1267).
Olsho, S. L. 281.
Orlov, K. X. (327).
Orten, A. U., see Yudkin, A. M.
Orzalesi, F. (1077).
Osterberg, G. (329), (331), (431).
Ostrovskaja, M. H., see Tumarkina, M. A.
Ostwalt, F. (435).
Oxon, D. M., see Semon, H. C.

Pacalin, G. (1072).
Pagani, M. (760).
Pajtas, J. (221), (222).
Panneton, P. (230).
Pao-Hua, Liv. (323).
Papolczy, F. (339).
Pardo, D., see Alvaro, M. E.
Parr, L. W. 951.
Parsons, J. (652).
Pascal, J. I. (208).
Pascheff, C. (229), (337), (550), (1184), (1280).

(1280).

Pashkovskii, V. M. (662). Paternostro, Vincenzo. (1285). Paufique, L., see Bonnet, P. Paul, Ludwig. (431). Paula-Santos, B. (760). Pavlov, H. M. (1075). Peckham, R. H., see Lillie, W. I.

nia, B.

53).

rens.

671).

Peisachovich, I. M., see Natanson, D. M. Peluse, S. (1066). Peppmüller, F. (665). Pereira, R. F. (95). Peppinture, Pereira, R. F. (95).
and see Argüello, D.
Perera, C. A. (448).
Perez Porcel, Enrique. (1182).
Pergola, A. (559).
Permar, H. H., see Dawson, W. T.
Persky, A. H. (967).
Petri, M. de. (86), (106).
Petrov, M. D. (327).
Petterino Patriarca, A., and Duc, C. (552).
Pexiederova, R. (213), (231). Petiterino Patriarca, A., and Duc, Pexiederova, R. (213), (231). Peyret, J. A. (108), (652). Pfimlin, R., and Strubin, F. (435). Pfingst, A. O. (452), (668). Pi, H. T. (561). Pi, H. 1. (301).
Pick. (1285).
Pickard, R. 191, (859).
Picoli, H. R., see Malbran, J. Picoli, H. R., see Malbran, J. and see Soriano, F. Pieck, C. F. M. (448). Pierce, H. F., see Friedenwald, J. S. Pillat, A. (1080). and David, H. (662). Pinkerton, F. J. 63, 715. Pittman, C. D. 1053. Pletneva, N. A. (99). Plitas, P. C. (333). Plumer, J. S. (875). Plumer, F. D. (969). Pochisow, N. (337). Pokhisov, H. (540). Pokrovsky, A. (662). Pokhisov, H. (540).
Pokrovsky, A. (662).
Poleff, L. (439).
Poleff, Z. (863).
Poliak, B. L. (1069), (1069), (1177).
Poljak, S., and Rei Hayashi. (967).
Polliot, Besançon. (1082).
Polonskaja, L. D. (112).
Poos, F. (1180).
Porte, G. (963).
Portoghese, G. (756). Porte, G. (963).
Portoghese, G. (756).
Posarelli, Arrigo. (1177).
Possenti, G. (433).
Post, L. T. 33, 73, 75, 200, 314, 423, 645, 753, 843, 953, 1057, 1158, 1261.
Post, W. L. 170.
Postkowski, Ludwic. (1280).
Potvin, A. (222).
Potvin, M. (866).
Pratt. F. L. see Simons, L. T. Pratt, F. J., see Simons, L. T. Prister, Bruno. (209). Procksch, Marie. (1083). Promtov, V. A. (655). Przybylkiewicz, Z., see Madroszkiewicz, M. Pugh, Janet, see Brown, A. L. Puglisi-Duranti, G. (86), (90), (90), (99), (104), (106), (215). and see Caramazza, F. Puntenney, I., see Gifford, S. R. Purtscher, E., and Dibold, H. (668). Puscariu, E., and Lazarescu, D. (663).

Rabkin, E. B. (1072). and Miller, I. H. (982). Rachevskii, F. A. (1069). Rachevskii, F. A. (1069).
Rados, A., and Rosenberg, L. C. (86).
Raines, R., see Lewis, G. E.
Rainey, C. W. 930, 1252.
Ramach, F. (99).
Rameev, P. C. (321), (341), (977).
Rand, G., see Ferree, C. E.
Ranson, S. W., see Magoun, H. W.
Redslob, E. (1166).
Reese, A. B. 591, (875).
and see Martin, H. E.
Reese, W. S. 70.
Regan, J. J. 310, 948, (1072).
Reginis, Maria. (439).
Rei Hayashi, see Poljak, S. Reginis, Maria. (439).
Rei Hayashi, see Poljak, S.
Reicher, Z. (233).
Reid, A. C. (1173).
Reimova-Frantova, M., and Franta, J. (115).
Reis, W. (657), (1186).
Reiser, K. A. (866).
Reiser, K. A. (866).
Reisser, S. (104).
Reitsch, W. (655).
Renard, G. (760).
Reynolds, C. (307.
Reynolds and Ginsberg, 413. Reynolds, C. (307.
Reynolds and Ginsberg, 413.
Rezende, C. de, and Zegottis, A. (859).
Rhodes, A. J., and Van Rooyen, C. E. (960).
Rhodes, D. H. 517, 522.
Riad, M. (446), (550).
and Boulgakow, B. (325).
Ribnikova, O. I. (337), (552).
Rice, C. E. 1045.
Richards, G. E. (1069).
Richman, F. 637.
Riddell, W. J. B. (452), (657).
Riddell, W. J. B. (452), (657).
Ridley, H. 189.
Riedl, F. (863).
Riega, E. de la, see Malbran, J.
Rieger, Herwigh. (331), (875), (876), (977).
Rifat, A. (333).
Rinaldi, S. (540), (665).
and Arslan, K. (449).
Rindello, Salvatore. (858).
Rintelen, F. (1178).
Riser, R. O. 949.
Riva, Alberta. (434).
and see Soriano, F. J. Reynolds and Ginsberg, 413. and see Soriano, F. J. Rizzi, C. (449). Robertson, C. J. (1072). Robertson, J. D. (1166). Rodger, T. R. (665). Rodin, F. H. (234). Rodrigues, Alfredo. (1186). Roelofs, C. O. (859). and see Van der Hoefe, J. Rollin, J. L. (1169). Romano Yalour, R. (213) Romanova-Bochon, O. (961). Römmelt, J. (85). Rones, B. (960). Rönne, Henning. (209), (216), (335), (974), (982)Rönström, Hjalmar. (554).

Quint, C. (982).

Rosenbaum, J. (968), (969).
Rosenberg, L. C., see Rados, A.
Rosengren, B. (90).
Rosenzweig, M. G. (114).
Rosner, L., see Bellows, J. G.
Rossi, E. G., see Accardi, V.
Rossi, V. (771).
Rössler, F. (1274).
Rostkowski, L. (234), (561).
Rostovtzev, B. I., see Krilov, T. K.
Rötth, A. (1186).
Roy, J.-N. (108), (552).
Rubbrecht, R. (99).
Rubino, Agostino. (653).
and Rubino, Alfio. (547).
Ruedemann, A. D. 948.
Russo, A. (329), (1286).
Rutishauser, E., see Franceschetti, A.
Rychener, R. O. 1051, 1052, 1052.
Rycroft, B. W. (867).

acts

5).

0).

Sabata, J. (1270).
Sachs, B. 309, 309, 309.
Saint-Martin, M. (1166).
Sakler, B. R. 746, 936.
Sala, G. (329), (446).
Salas, M., see Almeida, A. de.
Salit, P. W. (95), 157.
Salkin, V. P., see Neminskii, E. M.
Sallmann, L. (449), (449).
Salsbury, C. R., and Melvin, G. S. (431).
Salvati, G. (434).
Salzer, Fritz. (1286).
Salzmann, M. (1182), (1286).
Samuels, B. (550).
Sanctis, G. E. de. (449), (875), (1166).
Sandstrom, A. E., see Kugelberg, I.
San Mindlin, Henrique. (967).
Santonastaso, A. (444).
Sapir, I. M. (544).
Saretzkaja, R. G. (983).
and see Dashevskii, A. I.
Sarrazin, L., see Bonnet, P.
Satanowsky, P. (106).
and Kurlat, P. (321).
Saverukha, F. M. (980).
Savin, L. H. (233), 834, 834.
Scala, N. P., see Spiegel, E. A.
Scales, J. L. (1180).
Scammon, R. E., and Hesdorffer, M. B. (668).
Schaeffer, J. P. 1252.
Schamp, H. M., see Burge, W. E.
Scheerer, R. (331).

Scheyhing, Hans. (1180). Schieck, F. (1173). Schiff-Wertheimer. (546).

Schmerl, E. (562). Schmidt, R. (860).

Schläpfer, H. (342). Schläppi, V., see Franceschetti, A. Schley, H. (1082).

Schmelzer, Hans. (1084), (1173), (1183).

Schneider, D. E., and Abeles, M. M. (1174). Schoenberg, M. J., and Esterman, B. (962).

Schubert, G. (550). and see Burian, H. Schultz, V. A., see Bursuk, G. G. Schum, Robert. (1080). Schum, Robert. (1080). Schumacher, Gerhard. (1072). Schupfer, F. (761). Schwartz, F. O. 631. Schwartz, L. H. (99). Schwartz, V. J. 831. Schwarz, J. (441). Schwarzenburg, Seale, E. A. (860). Sédan, J. (556), (863). and Jahle, G. E. (965). Seefelder, R. (1280). Seidel, E. (444). Seigner, A., see Barrat, P. Seigstein, M. B. 1053. Selinger, E. 56, 308, (663), 827, 950. Semon, H. C., and Oxon, D. M. (977). Sen, K. (114).
Sená, J. A. (222).
Serebrianni, Z. M., see Baltin, M. M.
Sergeev, I. V. (338).
Sergievskii, L. I. (1186). Sergievskii, L. I. (1186). Serr, H. (653). Sewell, E. C. (1176). Shahan, W. E. 631. Shankara Menon, K. C. (100). Shankel, H. W. 1152. and see Walker, C. E., Jr. Shannon, C. E. G. 71, 839. and Gouterman, J. J. (659). and Gouterman, J. I. (659). Sharkovskii, I. (969). Sharp, C. G. K. (340). Shastid, T. H. 428, 1161. Sheard, Charles, 1148. Sheard, Charles, 1148.
Shein, I. S. (331).
Sheldon, W., see Ellis, R. W. B.
Shelgunov, V. P. (556).
Shereskevskaja, L. I. (434).
Sherman, G. C. (967).
Shield, J. A. (1066).
Shimkin, N. I. (1178).
Shlaer, S., see Hecht, S.
Shlain, V. V. (967).
Shropshire, R. F. (873), (873).
Siegrist, A. (554).
Sielicki, B. (234).
Silva, Rafael. (561).
Simon, C. (1172). Silva, Karael. (301). Simon, C. (1172). Simon, Italo. (1066). Simons, L. T., and Pratt, F. J. 181. Sinclair, S. M., see Cowan, A. Siotto, G. (562), (1267). Sitzimkopfova, H. (116). Sjögren, H. (110) Skapska, Anna. (209). Skerlj, B., see Bassin, R. Skydsgaard, Henning. (92), (971), (1281). Slavik, B. (116), (1172). Sloane, H. O. 634. Sluskowska, A., see Kwaskowski, A. Smaltino, Michele. (1274), (1287). Smelser, G. K. (969), 1189. Smith, A. H., see Yudkin, A. M.

Smith, Col. (I.M.S.) 191. Smith, Sir Grafton Elliot. 538. Snell, A. C. (861). Snell, H. C. (974). Sobanskii, J. (227), (876), (1174). Sobel, D. (227). Sobhy Bey, M. (546), (760). Soderi, Aldo. (1176). Solanes, M. P. (546), 731. Solanes, M. P. (546), 731.
Solignac, G. (765).
Soliman, A. M. (323), (324).
Soloninkin, D. S. (87), (1076).
Solotnitszy, I. N. (341).
Somerset, E. J. (765).
Sondermann, R. (325).
Soria, M. L. 301.
Soria, M. (335).
Soriano, F. J., Malbran, J., and Picoli, H. R. and Riva, A. (1080). Sorour, M., see Attiah, M. A. H. Sorsby, A., Alkeles, A., Goodhart, G. W., and Morris, I. B. 1049. and Hamburger, R., and Benham, R. (663). and Hamburger, R., and Benham, R. (663) and see Avery.
Soudakoff, P. S. (441), (540).
Sourdille, G. P. (877).
Spaeth, E. B. 524, 897.
and Gouterman, J. I. 73.
Spanić, Andrzei. (1178), (1281), (1281).
Spear, F. G., see Tansley, K.
Spearman, M. P. S., see Vandevere, W. E.
Spector, S. A., and Sokolov, D. D. (965).
Spekter, L., see Hasler, W. T.
Spence, K. W., and Fulton, J. F. (877).
Spencer, P. L. 303.
Spiegel, E. A., and Scala, N. P. (437).
Spinelli, Francesco. (209), (431), (450) Spiegel, E. A., and Scala, N. F. (437).
Spinelli, Francesco. (209), (431), (450), (450), (974), (1173).
Spiratos, S. (1186).
Spotnitz, H., see Elsberg, C. A.
Spratt, C. N. (765).
Stallard, H. B. 187, 187, (229), (546), (974).
Stasinska, Janina. (1082).
Stastnik, E. (112), (225), (225), (231).
Stepanova, H. B., Asarova, N. S., and Goldfeder, A. E. (1076).
Stern, H. J. (659).
Stewart, D. S. (877).
and see Lewis, G. E. Stewart, D. S. (877).
and see Lewis, G. E.
Stewens, H. (774).
Stiel, A. (321).
Stimson, R. L., see Lordan, J. P.
Stine, G. H. 634.
Stock, W. (331).
Stoll, K. L. (962).
Stough, J. T. 194.
Strachov, B. P. (544), (971), (1178).
Strandbygaard, B. (209), (870). Strandbygaard, B. (209), (870). Strandbygaard, B. (209), (870).

Strauss, I., see Bender, M. B.

Strebel, J. A. (87), (321), (338), (338), (342), (436), (561), (775), (861), (1073), (1276), (1281), (1287).

Streiff, E. B. (1066).

Streiff, J. (216), (659).

Strömberg, E. (216). Strübin, F., see Pflimlin, R. Sudakevich, D. I. (333). Suganuma, S. (332). Sugita, Y. (87), (216). Sukonzikova, A. A. (857). Süllmann, H. (758). Swindle, P. F. (871) Szafnicki, Marjan. (1084), (1084). Szász, A. (867). Szymanski, Jan. (234), (437), (655), (657), (1186), (1270), (1270), (1281). Tainter, E. G., see Field, J., 2d. Takagi, A., see Asayama, R. Talbot, G. (228). Tan, Vicente. (450). Tansley, Katherine. (436). and Spear, F. G., and Glucksmann, A. (983)Tartakoff, S., and Dalton, S. J. (333). Tassman, I. S. 1055. Taylor, E. A. 844. Teräskeli, H. (339). Terrien, F. (1287). and Veil, P. (232), (767). Tertsch, R. (332), (1085). Testa, Ugo: (542), (554), (1069), (1174). Tettamanti, J., see Adrogué, E. Thierry, J. H. (1281). Thomas, H. M., Jr., and Woods, A. C. (969). Thomas, J. W. T. 192, (665), (867). Thompson, R., Isaacs, M. L., and Khorazo, D. 1087. Thomson, M., and Cave, H. A. (450). Thygeson, P. (663), (666), (1076). Tilden, E. B., and Gifford, S. R. (85). Tillé, H. (217). and Chaupuis and Bory. (864). Tillema, A. (112), (546), (987). Tobgy, A. F. (109), (321), (324). and see Attiah, M. A. H. and see Wilson, R. P. Tokareva, B. A. (322). Tolosa, A., and Araujo, O. P. de. (969). Tolosa, A., and Araujo, O. P. de. (969). Tommasini-Mattiucci, A. (547), (1270). Toni, G. de, see Caramazza, F. Torgovitzkaja, E. V., see Natanson, D. M. Torres Estrada, A. (861). Toulant, P., and Medinger. (114). and Morard. (767).
Tournay, Auguste. (1184).
Towbin, B. G. (209), (552), (653).
Townes, C. D. (658).
Traina, S. (1276). Trapezontzeva, E. (439), (864), (864), (1076), (1076)Tree, M. (542) Tretiakov, I. M. (324). Triandaf, E., see Guiffrida, E. Tristaino, L. (450), (554). Tron, E. (1072). Troncoso, M. U. 648. Trovati, Emma. (655). Trowbridge, D. W., Jr. 135.

E

T

T

U

U

stracts

(657),

n, A.

69). azo.

5),

Tsou, C. C. (541). Tumarkina, M. A., and Ostrovskaja, M. H. (983).

Turner, N. H. (85).

Uchida, Y., see Nakamura, B. Ukolova, M. A., and Khayoutin, S. M.

Urrets Zavalia, A., Maldonado Allende, I., and Obregon Oliva, R. (1080). and Allende, I. M., and Oliva, R. O. (1288). Unsworth, A. C., and Larkin, K. F. 296. Uyama, Yasuo. (1172).

Vail, D. 82.

Vampré, Enjolras. (961). Van Canneyt and Vandemenlebroecke.

(763).and seeVan Duyse.

Vandemenlebroecke, see Van Canneyt. Van der Hoefe, J., and Roelofs, C. O. (217). Van der Straeten and Appelmans. (220). Vandevere, W. E., and Spearman, M. P. S.

Van Duyse, M. (770). and Van Canneyt. (771), (981). Van Heuven, J. A. (209), (210), (983). and Fischer, F. P. (1173). Van Lint, A. (225).

and Hennebert, P. (765).

and Hennebert, P. (765).
Vannas, M. (218).
Van Rooyen, C. E., see Rhodes, A. J.
Varshavskii, I. K. (978), (1184).
Vasquez Ferro, M. A., see Lijo Pavia, J.
Vecchi, I. de. (963).
Veil, P., see Terrien, F.
Veis, A. S. (664).
Vejdovsky, V. (222), (230).
Velhagen, K., Sr. (667).
Velhagen, K., Jr. (767), (970).
Velter, E. (104).
Velter, S. L. (1287).
Venco, L. (1183).
Verhage, J. W. C. (436).
Verhoeff, F. H. (668), 720.
Viallefont, H., and Lafon. (210).

Viallefont, H., and Lafon. (210). Vianna, A. M. (542). Viard, P., see Gallois, J. Victoria. M. (653).

and Lijo Pavia, J. (227), (332). Viktor, Adda. (975).

Villard, M. H. (971).

Vinogorov, D. P., see Natanson, D. M. Vishnevskii, H. A. (857), (1274).

Vlacek, T. (109).

Vladichenskii, A. P. (333).

Voelkel, R. (767). Vogelsang, K. (876).

Vogt, A. (1085), (1287).

Voisin, J. (1178). and see Hudelo,

Volkova, A. A. (324).

Volokitenko, A. E. (550). Volokonenko, A. I. (341).

Von Bahr, G., see Bahr, G. von. Von der Heydt, R. 738, 746, 1139, 1252. Von Hagen, K. O., see Nielsen, J. M. Von Hamm, E., and Hartwell, R. (664). Vranova-Provaznikova. (87), (1271). Vythianatha Iyer, T. R. (112).

Wagener, H. P., and Weir, J. F. **253**, (559). Wagner. (220), (1271). Wainer, K. G., see Marcus, J. M. Wald, G. (671).

Waldman, Joseph. 525. Waldmann, B. 618. Walker, C. B. (760). Walker, C. E., Jr. 836. and Shankel, H. 837, 837.

and see Lowell, W. H. Walsh, F. B. (771).

and see Ford, F. F. Walsh, T. E., and Bothman, L. 939. Wauters, M. (873).

Wauters, M. (873).
Weckert. (1277).
Weckers, L., and Barrac, G. (772), (981).
and Fanchamps, J. (223).
Weeks, W. W. (92), (757).
Wegner, W. (792).
Weigelin, S. (541).
Weingott, L. (223).
Weir, J. F., see Wagener, H. P.
Weiss, A. S. (109).
Werdenberg, E. D. (1184).
Werner, S. (210).

Werner, S. (210).

Werner, S. (210).
and see Enroth, E.
Wetzel, J. O. 675.
Weve, H. J. M. (100), (1181).
and Fischer, F. P. (450), (1172).
and Kentgens, S. K. (765).
Wheeler, J. M. (224), 368, (768).
Whitfield, Ernest. (561).

Whitfield, Ernest. (561).
Wibaut. (864).
Wibo, M. (758).
and Janssens. (972).
Wickwire, G. C., see Burge, W. E.
Wieczorek, A. (234), (342), (446), (545).
Wiener, Meyer, and Alvis, B. Y. 497, (870).
Wilkerson, W. W., Jr. 1155.
Williamson-Noble, F. A. (658).
Wilson, A. J., see Butler, T. H.
Wilson, Bryed. (213).
Wilson, R. P. (85), (322), (322), (664), (666), (667), (667), (667), (668), (668), (671), (671), (763), (765), (768), (768), (768), (768), (768), (768), (768), (761).
With, T. K. (961).
Wittels, L. (92), (232).
Wittwer, Werner. (1274).

Wittels, L. (92), (232).
Wittwer, Werner. (1274).
Witzeman, L. A. (442).
Wokurek, W., and Kraupa, E. (338).
Wolff, Eugene. (760).
and Lyle, T. K. 1049.
Wölfflin, E. (1275).
Wolfsohn-Jaffe, E. (229).
Woods, A. C. (664).
and see Thomas, H. M., Jr.
Worms, G. (103).
Woronycz, Nestor. (439).

Woronycz, Nestor. (439). Wostry, M. (232). Wright, J. H. (551).

Wright, R. E. 1, 119, 240, 376, 462, 571, (664), 1162, (1176). and Koman Nayar, K. (1178). Wünsch-Heitz, E. (327).

Yanes, T. R. (116), (434), (439), (655). Yao, F. H. (543). Yonechi, S. (451). Yrigoyen, L., see Lijo Pavia, J. Yudkin, A. M., Orten, A. U., and Smith, A. H. 1115.

Zachert, M. (342), (342), (864), (865), (1186).

Zakrzchevskaja, E. I., see Bursuk, G. G. Zamenhof, Adam. (210), (1267), (1281). Zbarskii, A. I., and Franzusov, B. L. (338). Zegottis, A., see Rezende, C. de. Zentmayer, W. (87), (222), 411, 1054, 1256. Zentmire, Z., see Jeans, P. C. Zethelius, M. (103). Ziering, J. (103), (210). Zimmet, D., see Frommel, E. Zolotareva, M. M. (541). and Mar, G. I. (1289). Zolotnitskii, I. H. (1174). Zurkowski, Jan. (653). Zur Nedden, M. (100).

SUBJECT INDEX

Compiled by EMMA S. Buss

Explanation: Numbers in heavy type refer to original articles, parenthetic numbers to abstracts

Abducens, (1276) hereditary paralysis of, 396. transitary paresis, in malaria, (436). after mastoidectomy, (1276). Abscess, brain, (547). blindness from, (547). of cornea, tuberculous, (666). of optic nerve, (671). of orbit, **61**, (229), (548), (549).

of sclera, (441). Abstracts-

racts

8). 56.

1. General methods of diagnosis, (1) (429), (650), (856), (1065), (1265).
2. Therapeutics and operations, (2) (431), (653), (857), (1066), (1267).

refraction, and 3. Physiologic optics,

color vision, (213), (434), (655), (858), (1070), (1271).

(1070), (1271).

4. Ocular movements, (216), (319), (436), (658), (859), (1073), (1275).

5. Conjunctiva, (84), (218), (319), (438), (659), (861), (1074), (1277).

6. Cornea and sclera, (85), (220), (322), (440), (539), (664), (865), (960), (1076), (1272).

(1282).(1282).
7. Uveal tract, sympathetic disease, and aqueous humor, (88), (222), (324), (442), (541), (666), (756), (867), (960), (1081), (1164), (1288).
8. Glaucoma and ocular tension, (90), (223), (325), (443), (543), (667), (756), (270), (961), (1982), (1165)

(870), (961), (1082), (1165). 9. Crystalline lens. (93), (224), (327), (444), (544), (667), (757), (872), (962), (1083), (1167).

10. Retina and vitreous, (95), (225), (329), (446), (545), (669), (758), (873), (964), (1084), (1169).

11. Optic nerve and toxic amblyopias, (100), (227), (333), (451), (546), (671), (761), (876), (965), (1085), (1172).

12. Visual tracts and centers, (103), (228), (334), (453), (547), (671), (761), (877), (967), (1174).

Eyelall and orbit, (104), (228), (335), (547), (761), (968), (1175). Eyelids and lacrimal apparatus, (106),

Eyelds and lacrimal apparatus, (106), (230), (336), (551), (763), (970), (1176). Tumors, (109), (231), (338), (553), (765), (972), (1179). Injuries, (110), (232), (339), (555), (768), (975), (1181). Systemic disease and promites (112). 15. Tumors,

16. Injuries,

Systemic diseases and parasites, (112), (233), (340), (557), (770), (978), (1183).

Hygiene, sociology, education, and history, (114), (234), (341), (559), (772), (981), (1184).

19. Anatomy, embryology, and comparative ophthalmology, (116), (342), (562), (775), (983) Accessory nasal sinuses, see Nasal accessory

sinuses. Accident insurance, (116).

and see Compensation.

Accommodation, dynamic, avoidance of, 469. mechanism of, (858) and reflex pathways in teleosts, (657). relation of ocular muscles to, 1147. vitreous in, (213)

Acetylcholine, effect of, on retrobulbar neuritis, (966).

Acne, rosacea, of cornea, (324), (540), (1285). ocular signs in, (90)

Actinomycosis of conjunctiva, (219). Adaptation, dark, binocular summation with, (1072), (1271), (1274). as a clinical test, (857), (1065), (1272).

of cones, (1275). after ocular injury, etc., (975)

in optic neuritis and choked disc, (967). in oxygen deficiency, (447).

tests of, with Tscherning photometric lenses, (651).
and flicker in electric response, (214).

light, and speed of recognition, (1070). Adaptometer, (208), (429), (1266). Adenoma, ciliary, (222).

of orbit, (231).

pituitary, visual studies in, (671).

Adie's disease, (961).

Adrenalin chloride, one-percent solution,

as substitute for suprarenin products, (1268).

ionization, (1268). and see Epinephrine.

Afterimage, 419. erect, enlargement of, in emmetropic eye, (1273).

negative, (1070). test, and squint, (859) Albertotti, Giuseppe, 1063. Albino, hair-colors, (1266) ocular disturbance in, (860).

Alcohol, amblyopia, (451) injections for ocular pain, (1269), (1271).

Allbut, Sir Clifford, (981). Allergy, ocular disease due to, (107), (338), (559), 948, (1079). conjunctivitis and iritis, (664), (1075).

ocular reactions to, (772), (981). ophthalmology and, 832.

retinal, (875).

treatment, avoidance of shock in, (321). tuberculous, (559)

experimental, of choroid, 412. Alopecia, etc., in uveitis, (88), (542).

Amaurosis, lead, (228). after typhus fever, (547)

Amblyopia, strabismic, (217), (1277). toxic, alcohol, (101), (451). arsenicals, pentavalent, (103). dimethyl sulphate, 700. mescal, (101). quinine, (101), (102), (452). tobacco, (452).

and see Abstracts, section eleven.

American Academy of Ophthalmology and Otolaryngology, 77.

bulletin for, 953 1936 transactions, 958. 1937 meeting, 1158.

American Board of Ophthalmology, 529,

American Journal of Ophthalmology, new format, 75.

American Medical Association, Section on Ophthalmology, 1060. 1936 transactions, 854.

1937 meeting, 753.

American Medicine, 654. American Ophthalmological Society, 1060.

1935 transactions, 78. 1936 transactions, 533.

Amylase of subretinal fluid, (450), (1172). Anaphoria, esophoria and, in twins, (1073). Anatomy, embryology, and comparative oph-thalmology, (116), (342), (562), (775), (983).

eye conditions in, (228), (761), Anemia (878).

vision in, 1046.

Anesthesia, general, pupillary phenomenon in, (207).

sodium evipan, (654), (1267), (1267), in surgery of eye, ear, etc., (654).

local, nasal-nerve syndrome from, (1270). of sphenopalatine ganglion, (1269). spinal, ophthalmoplegia following, 310. surface, diocaine, (655).

Anesthetics, dicain, (1067). impletol, (433).

pontocaine, (432), (1267).

cause of eczema, (655) retrobulbar injection of, (210).

Aneurysm, of internal carotid artery, (551). ophthalmoplegia from, (658).

visual defects from, (671) of posterior communicating artery, 188. Angiofibroma of plica semilunaris, (554).

Angioid streaks in retina and pseudoxan-thoma elasticum, (545).

Angioma, of lids, (105), (230). of retina, von Hippel's, 188, (226), 522. retrobulbar, (231).

Angioneurosis, corneal edema with, (866).

Angioscopy, retinal, (206). Angiotonometer, retinal, Spinelli's, (450).

Aniridia, see Iris. Aniseikonia, 16, 418, 419, (435), 599, (656),

in emmetropia, 887. in strabismus, (437).

tests for, (655). Anisocoria in chronic appendicitis, (1265) Anisometropia, depth perception in, (1071). predominance of the hand and, (659).

Anomalies, of disc, & S. of eye, congenital, anterior segment, (775). posterior segment, (343).

of retina, (546).

Anomaloscope, Russian, (650).

Anophthalmos, (106).

bilateral, (763)

and microphthalmos, (106). Anoxemia, effect of, on ocular movements while reading, 1204.

Anterior chamber, air injected into, after cataract extraction, 827, 950. chemical substances injected into, (669),

cholesterin crystals in, in phthisis bulbi, (763).

E

A

A

A

E

cysticercus in, (979). depth of, (431). epithelial invasion of, 841, (1168).

floating bodies in, moving in accommodation, (1082). formation in, in interstitial keratitis,

(1284).

glassy striae in, (1164). implantation of tissues into, (440).

larva in, (978).

luxation of lens into, 1042. puncture of, see Paracentesis.

Anterior-segment disease, cyclotropin in, 1269).

Antileprol, for trachoma, (863).

Antiseptics for ocular application, 1087. Antivirus therapy in ophthalmology, tuber-culin free, (653), (664), (1271).

A-O vaccine in ocular tuberculosis, (213). Aphakia, retinal detachment in, 746. Apicosan for rheumatic iritis, (542).

Aqueous humor, albumen content, after cervical sympathectomy, (961). biochemic changes in, (1169).

circulation of, (90).

in ciliary body, 627. intraocular gas exchange, (871).

citric acid in, (105).

demonstrating tissue resorption in fluor-escein test, (1289).

glucose value of, after cervical sympathectomy, (442). properties of, (1289).

protein content of, effect of cocaine on regenerated, (869).

and see Abstracts, section seven. Arachnodactyly, coloboma of lens in, (758). lens ectopia in, (328), 633.

ocular complications with, (667), (1183). Arachnoiditis, optic chiasm, (453).

Archives d'Ophtalmologie, 420. Argentine, trachoma control in, (341), (773).

Argyll Robertson pupil, see Pupil.

Argyrosis, (432), (1286). Art, and eye, (775), (1186). peripheral vision in, (115).

Arthritis, gonorrheal conjunctivitis and,

Arteriosclerosis, classification of, (873). optic-nerve atrophy from, 53, (452) Ascorbic acid, in aqueous humor, (1169). in lens, (328), (445), (1169).

in organs, (1168). and see Vitamin C.

Asphyxia, ocular changes in, (112).

Association for Research in Ophthalmology papers read before, 985, 1025, 1032, 1087. 1109, 1115, 1189, 1204. Asthenopia, muscular, after malaria, (340)

Astigmatism, after cataract operation, (94). corneal, and heredity, (215). and high unilateral myopia, (214). physiologic and pathologic, (656). tophanyl for sympathetic ophthalmia,

Atophanyl (542).

Atropine, absorption of, (1066).

stracts |

ments

r cat-

669).

bulbi,

noda-

atitis,

in,

ıber-

3).

cer-

uor-

ipa-

on

58).

73).

nd,

as cycloplegic, 822, 950. optic atrophy, 53, (102), (452), 511, (547).

Aubert-Förster phenomenon, (1273). Austria, tularemia of man in, (662). Autohemotherapy, (1270), (1271). Autohemotherapy, (1270), (1271). in hyphema, (1269). in trachoma, (1075). Aviators, visual test for night flying, 797.

bipolar, in conjunctival nodule, (861)

blue, of Masur, (653). colon, in ocular infection, (207), (320). diplobacillus Petit, (540). Koch-Weeks, (320), (1076).

leprae, in eyes, (1183) Morax-Axenfeld, (1076), (1178).

subtilis, (556). xerosis, (1267).

Bactericidal substances, evaluation of, (1069). Bacterium granulosis, see Trachoma.

Bane, William C., 537.

Basedow's disease, without goiter, (106). and see Thyroid disease.

Battery for catholysis, etc. (655). Bee-sting poison, for iritis, (542). and see Trachoma.

Belgium, Ophthalmologic Society meeting, transactions, 755.

Bell's phenomenon, after tarsorrhaphy, (764). Bengal, xerophthalmia in, (113). Benson's disease, see Vitreous.

Benzyl cinnamic acid ester, in trachoma and

corneal opacities, (219).
Berlin's edema, (331).
Besnier-Böcks disease, eye changes in,

(1280)

Biochemistry, changes in organs, (1168). and see under various organs and tissues.
Bitot's spots, (321).

Blastomycosis of conjunctiva, (85) Blennorrhea, inclusion, virus of, (85). and see Ophthalmia.

Blepharitis, and color of eye, (981). optreax for, (230). silver water for, (336). Blepharochalasis, 949.

hereditary, (230).

Blepharoconjunctivitis, scrofulous, cod-liver oil for, (970)

seborrheic, 808, (1177). Blepharokeratoconjunctivitis, (320).

Blepharoplastic operations, see Lids. Blepharospasm, hysterical, 831.

Blepharospasm, (continued): impletol for, (433) spectacles for, (970).

Blepharostat, (1068).

Blind, Gorky Vocational School for the, (342).

Illinois State School for the, survey, 60. musicians, (561). Social Security Act and the, (561).

talking book for the, (982) Blindness, from brain abscesses, (547).

causes of, in Pennsylvania, (773). in Queensland, (1185). color, see Color blindness compensation in total, (115). congenital, 642.

cortical, (104). in India, (772). mind, (453).

in Pennsylvania, (114), (341). in Poland, (234), (561). in West China, (773). prevention of, 521, 532. International Society for, 673.

National Society for, 203. promotion of, (774)

word, transitory, (104). Blood, calcium, and behavior of iridocon-

strictor, etc., (868). chemistry, after ocular operations, (433).

chlorides in, (1169). oxygen content of, in eye, (550). potassium-calcium ratio in (1068).

sedimentation, in tularemia, (1183). serum, antibodies in, after local immunization, (1068) citric acid in, (105).

coagulation test in eye disease, (651), (653).

spectral relations of, in direct light, (430). staining of cornea, (1185). in trachoma, (1277)

Blood-aqueous barrier, ionic equilibrium in,

Blood pressure, in ciliary vessels, (89) general, and ocular operations, (210). retinal, diastolic, and glaucoma, 724. and intracranial, (98).

in vortex veins, (444). Blood vessel changes in extremities, (1289). Boeck's sarcoid, (972), (1179), (1280). Bone formation in eye, (324), (667), 835. Bone fragility and blue sclerotics, (665).

Books-American Academy of Ophthalmology and Otolaryngology, 1936 transactions, 968. American Medical Association, Section on

Ophthalmology, 1936 transactions, 854. American Ophthalmological Society, 1935 transactions, 78; 1936 transactions, 533. Arruga, H. Detachment of the retina, 78. Auge, Handbuch der speziellen pathologischen Anatomie und Histologie, 1263.

Behr, Carl. Ocular findings in their diagnostic and differential diagnostic sig-

Books, (continued).

nificance in tabes dorsalis, cerebrospinal lues, and multiple sclerosis, 316. Bulletins et Mémoirs de la Société Fran-

caise d'Ophtalmologie, 1936, 426.
Cole, Gladys Elaine. Wills Hospital eye
manual for nurses, 315.
Collection of 58 articles on ophthalmology

dedicated to Professor Dolganov, 425 Davis, A. Edward. Cataract, its preventive and medical treatment, 855.

Deutsche Ophthalmologische Gesellschaft, 1936 Bericht, 958. Gifford, S. R. A handbook of ocular ther-

apeutics, 755.

Giza Memorial Ophthalmic Laboratory, tenth annual report, 1935, 535. Luckiesh and Moss. The science of seeing,

1264.

Lyle, Keith, and Jackson, Sylvia. Practical orthoptics in the treatment of squint, 427

MacCallan, A. F. Trachoma, 60, 426.
Malbran, Jorge. Campo visual normal y patologico (Visual field normal and pathologic), 536.
Maxwell, J. T. Outline of ocular refrac-

tion, 1160.

National Society for the Prevention of Blindness, 1935 proceedings, 203.

Nursing in diseases of the eye, ear, nose, and throat, 649.

Ovio, Guiseppe. L'oculistica de Antonio Scarpa e due secoli de storia (Antonia Scarpa's "L'Oculistica" and two centuries of history), 534.

Psychological monographs, Dashiell, editor, 203.

Saggi di oftalmologia, 1934-1936, volume viii, 318.

Shastid, Thomas Hall. Light, the raw material of vision, 428. Tramping to failure, 1161.

Bulletin no. 74, 755. Société

Taylor, Earl A. Controlled reading. A correlation of diagnostic teaching and corrective technique, 844.

Troncoso, M. Uribe. Internal diseases of the eye and atlas of ophthalmoscopy,

Brain, cortex, effect on iris of stimulation of, (1174).

lesions, perivasculitis retinae and, (545). visual disturbance from, (671).

tumors, exophthalmos from, (766), (1175).
of frontal pole, Foster-Kennedy sign with, (973).

homonymous hemianopia from, (672) ocular symptoms from, (547), (671), (766), (967). Rathke's, (974).

water-binding of, (1173). and see Hypophysis.

Brightness-contrast threshold, avoidance of dynamic accommodation with, 469.

Brilliant green for trachoma, (661). Bromaceton, see Gas.

Bucky's border rays, (1282).

Bulletins et Mémoires de la Société Française d'Ophtalmologie, 1936, 426. Burns, ocular, see Injuries.

Cadaver transplants, see Keratoplasty.

Calcium therapy, (1068). in blepharokeratoconjunctivitis, (320).

Campimeter, (210). in chorioretinitis, (1266).

Carcinoma, of caruncle, (232).

nevoid, (767 of choroid, (553).

of ciliary body, metastatic, (975). epibulbar, (972). of eye, (339), (973). occupational study of, (973).

of lids, (109). of uvea, (109).

Carotid artery, internal, changes of, and lesions of chiasm, (453). ocular syndromes from, (104), (551), (658).

Carotin, for herpetic keratitis, (1079). Cataract, biochemistry of, (95).

ascorbic acid, (328), (445). blood-serum coagulation test, (651).

capsular, anterior, (963). cause, (667).

congenital, (1167). axial, (446).

in malnutrition, (113).

vocational fitness after extraction of, (94).

coralliform, (963). crystalline, (963). diabetic, (93), (225), (557). dinitrophenol, (94), (224), (872).

eczema with, 66. embryonal and fetal, (1167).

endocrine, (446) experimental, (445).

biochemic changes in organs after, (1168).

galactose, 1109. naphthalene, amino acid in lens in, (963). glycemia in, (873). extraction, 1, 119, 376, (668), 744, 1245.

air injection into anterior chamber after, 827, 950.

comparison of methods, (225) complicated, prognosis of, (1083). complications in and after, 240, 376, 415,

(668).detachment of choroid, (225) epithelialization of anterior chamber, 841, (1168).

of forceps-intracapsular, (445). glaucoma, (223), (445), 525. hemorrhage, expulsive, 1155. choroidal, (668).

prophylaxis for, (871). iridocyclitis, (445).

iritis, (93).

Cataract.

treatment, medicamentous (continued).

Cholesterin crystals with axial cataract,

Cholesteremia and corneal manifestations,

fish-lens protein, (873). preventive and, 855.

after uveitis, 836.

X-ray, (340)

Cataract. extraction, complications in and after (continued). psychic, (545). after senile-cataract operation, (329). vitreous prolapse, 415, (445). and glaucoma, (95). in early childhood, visual acuity after, (94), (1083). extracapsular, 744. first dressing after, (93). instruments for, capsule forceps, (667). hand vacuum extractors, (445). suturing, (668) intracapsular, (224), 299, (544), (668), (962).in country practice, (757). in diabetic cataract, (225), (668). dynamic factors in, (757). erisiphake, (544), (545). Hungarian method, (963). Knapp, (225). Lacarrère, (329). of morgagnian, (328). motion picture of, 744. by tumbling, (757). vacuum method, (963). mercurochrome sterilization for, (1083). of senile cataract, 415, 1062. in Poland, (446). simplest method of, (1084). subconjunctival, (963). sutures for, (872) conjunctival, (94). corneal, and postoperative astigma-tism, (94). corneoscleral, 744. through vertical conjunctival slit, (225). filiform, (1167) Fuchs's heterochromia with, (328). glaucoma with, (668). and Haab's senile-macula alterations, (93). hereditary, during first pregnancy, (224). senile, (234). hypermature, rupture of lens capsule in, 820. morgagnian, (225). ruptured, (329). with neurodermia, (1169).

tracts

Fran-

and

551),

of,

ter.

53).

ter,

15,

er,

and transparent globular bodies, (962). senile, (757). hereditary, (234). medical treatment of, (95), 855. in Poland, (342) sulphur metabolism in, (328). spontaneous expulsion of nucleus, 184. tetany, (94). and after hemithyroidectomy, (329). traumatic, rosette, (94). Vogt's, (225).

treatment, medicamentous, (95), 855.

zonular, rickets and tetany in, (93). and see Lens. Catholysis, battery for, (655). Cautery, small, (1270) Cavernous sinus, see Nasal accessory sinuses. Cellulitis, orbital, (229), (547). Cephalalgia, see Headache. Cephalocele, anterior orbital, (1176). Cerebromacular degeneration, familial, (671).Cerebrospinal fluid, in isolated syphilitic optic atrophy, (966). Cervical sympathectomy, effect on permeability of ocular blood vessels, (961). glucose content of aqueous after, (442). Cervical sympathetic nerve, hereditary irritation of, (970). Chalcosis, ocular, see Injuries. Chalazion, (765). excision through conjunctiva, 627. retractor, 410. Charcot-Marie - tooth disease, with optic atrophy, (1174).
Charité Hospital, development of ophthal-mology in, (774). von Graefe's entrance into, (1185). Charts for visual-acuity test, see Visual acuity Chediak-Dahr test for syphilis, (650). Chiasm, areas of softening in, (334) bisection, ocular changes after, (672). calcium shadows at, (102).
glioma of, primary, (973).
lesions of, due to change in internal carotid artery, (453) due to cramial injury, (1175). sagittal rupture of, (877). and see Hypophysis. Chicago Ophthalmological Society, 67, 194, 308, 525, 744, 949, 1252. Children, conjunctivitis of, in Egypt, (664). defective vision in, (982). dyslexia in, (982). oculocardiac reflex in, (1082). in Pappatasi fever, (341). reading difficulties in, (214), (216). refraction of, changes in, (217 parathyroid, (1169). secondary, (328). operation for, (1084). test of ocular hygiene for, (983) treatment of trachoma in, (341), (342), (863), (864). Chimpanzee, cerebral representation retina in, (967). vision of, after occipital lobectomy, (877). China, blindness in West, (773). Chinese, ophthalmology, old, (774). retrobulbar neuritis in, (451), (452). trachoma among, (561). Chloroma of orbit, (232), (549)

(446).

(866).

Chorionepithelioma, choroidal, (766).

Chorioretinitis, with massive exudation, (541).

serous central, (97), (1084).

traumatic, (331).

value of campimetry in, (1266). Choroid, changes in, and vitreous detachment, (331).

coloboma of, (89), (90), 634, 837, (1164). latent holes in retina near, (1085).

detachment of, after cataract extraction, (225).

after leak in eyeball, (448). gumma of, (1081). network, sclerosis of, (226). ossified, (324). tears of, 13.

tuberculosis of, miliary, (869). tumors of, see Tumors. Choroideremia, (867).

Choroiditis, Doyne's, (325), (542).

tuberculous, (667). striate, (542). and see Retinochoroiditis. Cilia, see Eyelashes.

Ciliary body, blood pressure, in (89). circulation of aqueous in, 627.

epithelium, hyperplasia of, (222).

selective, (88). Ciliary nerves, involved in herpes zoster

ophthalmicus, (1081). posterior intrascleral loops of, (343)

relation of sympathetic system to, (117). derivatives, visual disturbance Cinchona from, (966).

Cinematography, ophthalmic, (652), 744, 1145.

Citric acid in ocular fluids, (105).

Clinics, eye, (115), (1184).
Bologna, (561).
Czech in Prague, (560).
Herman Knapp Memorial, glaucoma in, (962).

holster for, (1066).

Pilsudski, gonorrheal conjunctivitis in, (219).

Vienna, portrait of Barth, in, (341). II. Vienna, (99). Cloquet's canal, persistence of, (546).

Cocaine, 73, (869)

stability of, during sterilization, (1069). Cod-liver oil for external eye disease, (433), (970).

Collargol ointment, after corneal injury, (976).

College of Physicians of Philadelphia, Section on Ophthalmology, 70, 411, 523, 634, 838, 1054, 1252.

Colloidometer, (209).

Collyria, (230). absorption of, and osmotic pressure, (1066).

Coloboma, of choroid, (89), (90), 634, 837, (1085), (1164). of fundus, (228).

of lens, (442).

Coloboma, of lens, (continued).

and arachnodactyly, (758).

of lid, (336), (765). of macula, (90).

in enzygotic twins, (876).

of optic nerve, 777. and choroid, 634. of retina and choroid, 837.

Color blindness, 633.

congenital, total, (1071). dichromates, color vision of, (656). Ex

Co

effect of acoustic stimulation in, (1272). with hemophilia, (657).

hereditary, (214).

among Negroes, (656). spectral hue discrimination in, (658).

tests of, (1071).

lantern apparatus, (1267) Rabkin polychromatic plates, (1072).

Schaff's mosaic plates, (1071) trichromate systems for did dichromates, (435).

and see Perception, and see Vision. Color fields, see Visual fields.

Colors, hygiene of, 674.

Colorado Ophthalmological Society, 193, 632, 834, 1152.

Compensation for ocular injuries, (115), (116), (1185).

Cones, (857)

dark adaptation of, (1275). Conjunctiva, (84), (218), (319), (438), (659), (861), (1074), (1277).

actinomycosis of, (219)

alveolar echinococcus of, (1184).

amyloid degeneration of, (220). argyrosis of, (432). in Besnier-Böck's disease, (1280).

bipolar bacilli in nodule of, (861).

Bitot's spots, (321) blastomycosis of, (85).

bulbar, lymphoid and tuberculin reaction, (661).

syphilis of, (1074).

cysts of, (84), (861). defects, repair, (105), (762), (862). diphtheria of, (438), (661).

disappearance of bacteria from, (1279). effect of hygroscopic agent in cigarettes

on, (1085)

essential shrinkage of, (1277).

filaria in, (1183). in U.S.S.R., (1183)

glands, alkaline secretion of, (970).

gumma of, in congenital syphilis, (863). impregnation of, (322). lesion of, buccal mucous-membrane grafts

for, (220), 897, 942. lipoid infiltration of cornea and, (323).

in measles, (438).

nevus of, (218), pemphigus of, (84), (220), (659), (864), (1278).

and see essential shrinkage. syphilis of, (321), (1281). tuberculosis of, (218), (220), (319). with phlyctenules, (85), (220).

Explanation: Numbers in heavy type refer to original articles, parenthetic numbers to abstracts Conjunctiva, tuberculosis of, (continued). Cornea, (continued).

bstract

272).

1).

nates,

, 632, 115),

659),

tion,

ttes

ifts

4),

ulcer, (661).
tumors, see Tumors.
xerosis of, (113).
Conjunctival secretion, eosinophilia in, (321). Conjunctival suture, for globe fixation, (94). Conjunctivitis, allergic, (664), (1075).

chronic, 832 appearance of limbus in, (1075)

bacterial studies of, in Iowa, (1076). in Merv district, (1075). biomicroscopy in, (438).

in children in Egypt and Near East, (664). diphtheric, (438), (862). experimental, (664).

staphylococcic, 102 follicular, 306, (1279) 1025.

anatomo-pathologic changes in, (662). and color of eye, (981). cytology of conjunctiva in, (439)

from fusospirochetal infection, (219).

gonorrheal, see Ophthalmia. hereditary, 837. hexargan for, (1279). inclusion-body, see Blennorrhea. Koch-Weeks, (320).

membranous, acute familial catarrhal and, (320).

phlyctenular, (319), (979), (1281). and see Phlyctenulosis. purulent, (862).

swimming-pool, (438). targesin for, (1269).

vernal, (432).

Contact glasses, see Spectacle lenses. Contusions, see Injuries.

Convergence, asymmetric, size difference of images in, (1272). depression, positive rotation angle of in-

ferior rectus in, (861), relation of ocular muscles to, 1147. Cornea and sclera, (85), (220), (322), (440), (539), (664), (865), (960), (1076), (1282).

Cornea, abscess of, tuberculous, (666). acne rosacea of, (540), (1285). adiposis of, primary, (1282). anesthesia, (1179).

anomalous changes of, in newborn, (539). antibodies in, after local immunization, (1068)

argyrosis of, experimental, (1268). astigmatism of, (94), (215). bleb of, hemorrhagic, (86), (866). blood staining of, (1185).

bulging of lower half, (1078). conical, see Keratoconus

culture of dried tissue, (1283). curvature of, after diathermy coagulation of retinal detachment, (449).

and ocular refraction, (213) degeneration of, marginal, (85). with iris prolapse, 411.

oil-globule, (86). pigmented, in osteitis deformans, 1139. rosacea keratitis with, (1285). in trachoma, (1287).

dystrophy, 738. congenital familial, (322).

familial, 838, (1078). inherited, (85).

juvenile, (865). marginal, with prolapse of iris, (87). nodular, 387, (440), (960).

edema of, angioneurotic, (1284). cyclic, (539), (866), (1077). in cholesteremia, (866). effect of Quincke's edema on, (222). epithelium, dissociation of, in glaucoma,

(1166).regeneration of, and vitamin A, (212). folds of Descemet's membrane in, (541).

grafts, see transplantation. gumma of, (324).

gutatta, (85). weight of, measurement, (653). hemorrhage, traumatic, (768).

herpes of, (221).

Bucky's border rays for, (1282).

and Horner's syndrome, (1283).
pathogenesis of, (1284).
and trauma, (221).
from vaccine A (Ponndorf), (222).
inflammation of, after B.C.G. vaccine ininjection, (222).

injuries of, see Injuries.

involvement with eczema of skin, (1080). Kayser-Fleischer ring of, 189.

keratitis, see Keratitis. keratoconus, see Keratoconus, keratoplasty, see Keratoplasty.

Krukenberg's spindle on, (86), (110), 399. lesions of, vitamins A and D for, (540). Liesegang's phenomenon in, (87).

lipoid infiltration of, (323)

lupus of, X-ray treatment for, (654). megalocornea, see Megalocornea.

nerve apparatus, changes in, after gas-serian ganglionectomy, (866). opacity, benzyl cinnamate for, (219)

disciform and ringshaped, (87), (1167). in gargoylism, (865).

in microphthalmus, (106). in Paget's disease, (665).

in polyarthritis and lymphocytica, (86). zonular, (221). pannus, (1284).

and see Trachoma.

paracentesis of, see Paracentesis.

phlyctenular disease of, in caseous tuberculosis, (220).

resistance of, to heat, (1077). tattooing of, (86). (431). trachomatous, see Trachoma. (1077).

transplantation, (867). amelioration of leucomas, (1283).

in aphakic eye, (867). biology of, (1286). cadaveric, (86), (540), (10 clearing of opaque, (1287).

electro-trephine for, (540), heterogeneous, 192, (665). on leprous eyes, (540).

transplantation, (continued). partial, (540). and see Keratoplasty. tumors of, see Tumors. ulcers of, 305. allergic, 832.

dendritic, and keratitis with herpes facialis, (1079). from diplobacillus Petit, (540).

experimental, typhoid antibody content in, (220). from expression of trachoma granules,

(321).in preglaucomatous eyes, (323). marginal, (441).

in cholesteremia, (866). and maxillary sinusitis, (1283).

perforating, (667). expulsive hemorrhage after, (441). recurrent, 1153, 1154.

rodent, bilateral, (1080) reticulo-endothelial system in,

serpiginous, (87), (539), (976). trachoma and, (1286).

traumatic, 1154 treatment, (220), (539).

diathermocoagulation, (1077) embryonic tissue extract, (432).

lysozyme, (665). paracentesis and urotropin, (323). short-wave, (857). tuberculous, (661). tuberculin treatment of, (866).

xanthomatosis of, (867).

and see Keratitis.

Corneal drill, electric, (442). Corneal flaps, knife for cutting, (1285). Corneal protein, antigenic properties of, (665).

Corneal radiation (Gurvitch), (441). Correspondence, 205, 1162.

Cosmetics, see Injuries. Cranial trauma, see Injuries.

Cranial tumor, eye changes from, (766).

Cross cylinder, see Refraction.

Crouzon's disease, and alterations of optic foramen, (452). medullated optic-nerve fibers with, (100). showing Apert's syndrome, 833.

and see Oxycephaly. Crystalline lens, (93), (224), (327), (444), (544), (667), (757), (872), (962), (1083),

(1167)and see Lens. Cyclodialysis, for optic atrophy, (227).

and see Glaucoma Cyclitis, chemical, 194 cyclotropin for, (1269). Cyclopia, human, (105), (763).

histopathology of, (1175). Cycloplegia, comparison of scopolamine and atropine, 822, 950.

Cyclotropin in disease of anterior segment, (1269).

Cyst, conjunctival, (84), (861). echinococcic, see Cysticercus. of iris, congenital, (222).

traumatic, (1182) of lid margin, (1177). of orbit, (228). dermoid, (550).

in retina, (447). and detachment. (759).

of sclera, (221), (1286). of vitreous, (99), (545). bilateral, (448).

Cysticercus, alveolar, in conjunctiva, (1184). intraocular, (979)

I

I

retrobulbar, (558). subretinal, (234).

Czechoslovakia, medical meeting in Sofia, (561).

Dacryoadenitis, 309.

from Morax-Axenfeld diplobacillus, (1178). tuberculous, (971)

Dacryocystitis, (336), (338). chronic, (1177).

Callahan tubes for, (765). developmental and anatomical factors in, 1252.

Dacryocystorhinostomy, (107), (763), (764), (765), 1254

intranasal, (552), 939.

Dagnini-Ascher oculocardiac pressure reflex, (969).Darier-Roussy's sarcoid, (972).

Deafness, etc., with uveitis, (88).

Death, ophthalmoscopic signs of, (431). Deaths

Adams, Charles Franklin, 344. Allen, George Henry, 344. Bennett, Arthur George, 454. Cloud, Marshall Morgan, 454. Codd, Alphonse Nicholas, 235. Conlon, Frank Aloysius, 1086. Edson, Ray Arthur, 235. Ezell, Herschel Charlton, 344.

Feldman, Max, 118. Fernandez, Francisco Maria y Hernandez, 454.

Fielding, Fred Gershom, 454. Flagg, John Dodds, 1290. Folk, Max Lyon, 1086. Gilbert, Frank Yuba, 454. Glover, Samuel P., 118. Green, Louis David, 454. Hague, Gustavus Ingowar, 118. Haspel, M. David, 1187

Hilgartner, Henry Louis, 1086. Holden, Ward Andrew, 454. Jackle, Arthur Frederick, 776. Johnston, John Loring, 454. King, George Lincoln, 1187. Kirkpatrick, Samuel, 454. Mann, William Alfred, Sr.,

Miniter, Francis Gabriel, 878. O'Hora, Bernard Anthony, 235.

Plummer, Reginald Copeland, 454.

Deaths, (continued)
Regan, Eugene D., 118.
Trowbridge, Dwight H., 776. Walker, Charles Christian, 118. and see Obituaries. Denmark, diabetic cataract in, (93). Dental infection, see Focal infection. Depth perception, see Perception. Descemet's membrane, detachment of, (220). folds of, (541).

racts

184).

ofia,

78).

in,

64),

lex,

lez,

malnutrition, results of, (1078). precipitates on, indirect light for study of,

(1287).Deutsche Ophthalmologische Gesellschaft, 1936 transactions, 958.

Diabetes, cataract, extraction of, (668). and glaucoma in, (93). latent, sympathetic ophthalmia and, (1082). ocular complications of, (557). frequency of, (557). retinitis in, (330). rubeosis iridis with, (869).

Diagnosis, general methods of, (206), (429), (650), (856), (1065), (1265). general, (206), (429).

Diathermy, in eye disease, (213). medical, (432).

in glaucoma, (326), (432). surgical, for keratoconus, (1076). for intraocular tumor, (1181). physics of, (670).

and see Retinal detachment. Dicain, (1067). Dichromate, see Color blindness. Diet, eye disease and, (113), (114).

Dimethyl-sulphate poisoning, eye condition

Dinitrophenol, cataract, see Cataract. effect of, on rabbit lens, 779, (1168).

Diocaine, (655). Dioptric formulae, method of reduction of,

Diplocoria in a donkey, (325). Diplopia, from Boeck's sarcoid, (1179). monocular, (213), (214). Distichiasis, familial, 834.

Divergence, vertical, optokinetic production of, (436).

Dogs, experimental exophthalmos in, 153. Dold, metachromatic granules of, in xerosis bacillus, (1267).
Dolganov 45th anniversary volume, 425.

Dominance, ocular, see Eye. Donkey, diplocoria in, (325).

Doria, effect of, on normal and glaucomatous eye, (1166). Doryl (carba

(carbaminoylcholin), in glaucoma, (223).

Doyne's choroiditis, see Choroiditis.

Dropsy, epidemic, retinal hemorrhages in, Drusen, (452). "Dürer look," (342).

Dwarfism, retinal atrophy with, (97). Dyslexia, congenital, (981), (982).

Dysostosis, cranio-facialis, ocular complications in, 639.

Ectropion, see Lids Eczema, allergic, (87). cataract with, 66. from pontocain, (655).

of skin, with corneal participation, (1080). Edema, (209). Editorials

Academy, bulletin, An, 953. 1937 meeting, 1158.

A.M.A. at Atlantic City, 753.

American Academy of Ophthalmology and Otolaryngology, 77.

American Board of Ophthalmology, 529.

American medicine, 645.

Archives d'Ophtalmologie, 420.
Baltimore Southern Medical Association
Meeting, 76.
Congenital blindness, 642.

Congenital syphilis of the second generation, 198 "Controlled reading," 843.

Cures for retinitis pigmentosa, 311. Eight-months' graduate course, 1262. keratoconjunctivitis diversi-

Epidemic k formis, 314. Epithelial invasion of the anterior cham-

ber, 841. Glimmer racket, The, 200. Graduate study, 313. Medical ophthalmology, 957.

Neurology, otology, and ophthalmology, 1156.

New format, The, 75. Orbital inflammations, 750. Postcycloplegic test, The, 422.

Prognosis in ocular malignancy, 423. Reader's Digest articles on optometry, The, 1259.

Resource for vision, A, 531. Retinal spasm, 643.

Sphenopalatine ganglion, The, 955. Summer ophthalmology, 1060.

Summer ophthalmology, 1060.
"Voorkoming van Blindheid," 532.
What are "cures" of retinal detachment? 1059.

Who shall refract? 1057.

Education, vision in, 303, and see Abstracts, section eighteen. Egg-membrane graft, (107).

Egypt, conjunctivitis in, (664). endemic diseases in, (114).

Memorial Ophthalmic Laboratory, 1935 report, 535.

Koch-Weeks and gonococcal ophthalmias in, (320).

malignant disease of eye in, (553). ocular tuberculosis in, (557). phlyctenular conjunctivitis in,

trachoma endemic in, (84), (439). Electric injuries, see Injuries. Electrolysis needle for lid tumors, (212). Electrothermometry of eye, (1268).

Elephantiasis of lid, (546), (1178). Elliot, Robert Henry, 203. trephining, see Glaucoma.

Emetine, corneal reaction to, (975). Encephalocele, orbital, (106).

Encephalomyelitis, visual disturbance with, (104), (968).

Endemic disease, ocular complications of, in Egypt, (114).

Endocrine eye conditions, (558), (771). Endophthalmitis, from meningococcus men-

ingitis, 928. from trephining operation, (667).

Endothelioma, of iris, (1179). hemangio-, of lacrimal sac, (338).

Enophthalmos alternating with exophthalmos, (549).

Entoptic sensations, (216), (434).

Entropion, see Lids.

Enucleation, with implantation, 293. orbital hematoma following, (969).

Epicanthus, (230). Epilepsy, the eye in, (980).

Epinephrine, concentrated, in glaucoma, etc., 497, 504, (870).

with euphthalmine, 33, 73.

mydriasis, after ergotamine miosis, (869). Epiphora, (338).

rhinogenic etiology of, (337), (338). section of lacrimal-gland ductules for, (764).

surgery for, (552). Episcleritis, see Sclera.

Epithelioma, of conjunctiva, (553).

from defective spectacle bridge, (859). of lid, (336), (553), (972). of limbus, (553).

meibomian, (767). Ergotamine tartrate, effect of, on iris sympathetic, (869)

Erisiphake, see Cataract. Errata, 528, 1162.

Eserine, stable, nonirritating, 1040.

Esophoria, and anaphoria in twins, (1073). with diplopia, (861).

in myopia, (861). Eupaverin, (1084). Euphthalmine, suprarenin bitartrate with, 33,

Exophoria, in axial myopia, (861)

Exophthalmometer, transparent, (208). Exophthalmos, and alternating enophthalmos, (549)

aneurysmal, (551). bilateral, (229), (969).

experimental, 153.

comparative study of, and clinical, 1189. resembling Graves's disease, (969).

with fixed eyes and retrobulbar neuritis, (762).

of hyperthyroid origin, (229), (329), 839. intermittent, (106).

(1072).

malignant, (969). monocular, pathogenesis, 524, (1175). from mucocele of frontal sinus, (335)

progressive, operative control of, (1176). after thyroidectomy, (969). pulsating, (106), (550)

Exotropia, concave lenses for, 74. Eye, absorption of magnesium in, (90). adjustment of, to near and far vision, Eye, (continued). art and, (775), (1186).

artificial, see Prothesis.

axial length of, and refraction, (216). B. leprae in normal-appearing, (1183). E

biochemistry of, (435). anserine, (435).

carnosine, (435). spermine bases, 508.

after transplantation of cartilage, (1077). and see under names of individual struc-

blood vessels of, permeability, (961). care oi, and lighting, (651).

circulation of, studied with photoelectric cell, (550). color of, and ocular disturbance, (981).

comparative anatomy of, (562). crystallogic studies of, (216).

disease, allergic, see Allergy. capillary hemorrhages in nail bed with, (559).

constitutional, (558). external, (433)

diathermy in, (213). dietary, (113), (114). electrothermometry in, (1268).

gravidan therapy in, (1069). general infections, (663). hereditary, (85), (100), (214), (224), (234), 837.

immunogen B. for, (1067), (1077). internal, 648.

interrelation of cutaneous and, 636. metabolism determination in therapy of, (1078).

nursing in, 649. nutrition and, 253, 405, (559), 1115. pain in, (774), (1269). phototherapy in, 195, (211), (212), (433).

in Poland, hospitalization for, (234).

radiotherapy in, (1069). scrofulous, cod-liver oil for, (970). tuberculous and, (981).

Weltmann coagulation test in, (651). dominant, and color perception, (215). marksmanship and, (560)

right-handedness, etc., and, (1071).

drainage channels of, (871). effect of dimethyl-sulphate poisoning on, 700.

elastic membranes of, permeability, (771). endocrinology and, (558). in epilepsy, (980).

evil, (774). examination of, in candidates for Palestine

in Germany, (1185). fluids of, (1166), (1172). foot-and-mouth disease localized in, 878. frozen sections of, (1066)

genesis of osseous tissue in, see Bone formation.

gout and, (234), (1183). humoral biopathology and, (771). infections, see Infections. inflammations, etiology, (772).

injuries, see Injuries.

Eye, (continued). intraocular and vascular pressures in, (325).

in leprosy, (233), (337), (540), 715, (870), (1183).

malaria and, (651). and see Malaria.

stracts

1077)

struc-

ectric

with,

224),

of,

33).

on.

1).

ne

T-

).

malformations, hereditary, (775), morphology of, and of body, (981), in neurology, 1132, 1156, (1184), and oracle, (774), pathology, 1263, pregnancy and see Prognancy

pregnancy and, see Pregnancy. relation of nose and, (654), (862)

reticulo-endothelial system of, (654),(664).

surgery of, see Surgery. vital staining of, (209), (653). Eyeball and orbit, (104), (228), (335), (547), (761), (968), (1175).

Eyeball, anatomy, after dislocation of lens, (975).

atrophy of, painful, (1271).

axis length of, (431). bone formation of, see Bone formation. luetic sclerosis of, (1281). luxation of, from fibrocystic frontal bone,

(1176)preparation of transparent, 1249.

Eyegrounds, see Fundus. Eye hospitals, Beshiza, (556).

Bristol, (774), Charité (Berlin), (774), (1185). Tennent Memorial Institute of Ophthalmology, (559). Wills, 315.

Eyelashes, ocular lesions from dyeing, (107), (769), (977).

pathology of, (763). Eyelids and lacrimal apparatus, (106), (230), (336), (551). (763), (970), (1176).

Eyelids, see Lids. Eye clinics, see Clinics. Eye shield, (340).

Fatigue, ocular, 1147.

colors reducing, in operating room, (654)methods of studying, (1070).

Fever, effect of, on trachoma, (439). therapy, (1172), (1279).

Fibroma of cornea, after tattooing, (972). Fibrosarcoma, of dura, (1175).

of eyelid, (231). Fields, see Visual fields. Filaria, see Parasites.

Finger-nail capillary bed in ocular lesions, (210).

Fixation, aberration of, and retinal correspondence, (214)

in scotometry, (206). Flicker, fusion frequency with light, (210), (214).

Fluids, intraocular, (1166). subretinal, amylase of, (450), (1172).

Fluorescein test for tissue resorption, (1289).

Fluoroscope, use of, in localization and extraction, 1232.

Focal infection, teeth, (112), (229), (860). and see Nasal accessory sinuses.

Folk, Max Lyon, 1064.

Folliculosis, pathologic anatomy of, (1279). Foot-and-mouth disease in eye, 878.

Forceps, capsule, (667).

iris, 408. Foreign bodies, see Injuries. Format, new, of Journal, 75.

Foster-Kennedy sign in brain tumor, (973).

Frames, see Spectacle frames. French Ophthalmological Society, 1936 bulletin, 426.

Fuchs's heterochromia, (88), (328), (1164). Fundus, angioid streaks of, see Angioid streaks.

changes, determination of size of. (1065). movable chart for localizing, (1065). myopic, without myopia, (656). in polycythemia, (964).

from short-wave currents, (655). after thoracic trauma, (768). coloboma of, (228).

color of, bluish, from methylene-blue ingestion, (206).

green patches in, (208), (651). constitution and, (331). in diagnosis and treatment, 1061. hemorrhage in newborn, 637, hyaline dystrophy of, (542), photography of, see Photography, pigmentation of, importance, (856), red reflex, (430).

slitlamp examination of, (856). Fungus, blastomycosis of conjunctiva. (85). Fusion, frequency, effect of auditory stimuli on, (215).

of intermittent light, (214) size of pupil in tests of, (210). test for aniseikonia, (655).

Ganglioneuroma of eyelid, (768). Gases, mustard, 189.

from submarine soil, (110). tear, (339), (1183).

General diseases, see Systemic diseases. General methods of diagnosis, see Diagnosis. Germany, medieval ophthalmic history in, (772).

Giza Memorial Ophthalmic Laboratory, 1935 report, 535

Glasses, see Spectacle lenses. Glaucit, (223). Glaucoma and ocular tension, (90), (223),

(325), (443), (543), (667), (756), (870), (961), (1082), (1165). Glaucoma. 462, (1163).

acute, 1153. angiogliosis with, (1170).

blood-serum coagulation test in, (651).

capsular, (870). peeling-off of lens capsule in, (91), (1165).

with cataract, (668).

changes in corneal epithelium in, (1166).

Glaucoma, (continued). chronic, simple, disclosed by homatropine refraction, 749.

early, (961).

effect of Doria on, (1166).

exfoliation of anterior lens capsule in,

tension after paracentesis in, (756).

clinic, see Clinics. diabetic, (93).

diagnosis of, anterior-chamber puncture in, (443)

rôle of tonometry in various forms of, (1082).

diastolic pressure and, 724.

hemorrhagic, anterior, (443). in Werlhof's disease, (325).

inflammatory, (92), intermittent, (443)

iris atrophy with, (88). juvenile, (325). after malaria, (340).

and nevus flammeus, (92), (962).

oculocardiac reflex in, (1082). operations, 571, 1163.

choice of, (544) cyclodialysis, (326), (327), (543), (1166).

iridectomy with, (224) permanent results of, (1165). spatula forceps for, (223), (325).

with sclerectomy, (327) goniotomy (trabeculotomy), (870), 1237. iridectomy, gonioscopy after, 731, trapdoor, (756).

Vogt's cataract after, (225).

iridencleisis, (756).

Lundsgaard modification of Holth's,

permeability of cicatrix after, (543).

results of, 69. on unoperated-on eye. (327).

sclerectomy, posterior, (871). sclerotomy, posterior, (91). trephining, introduction of magnesium

through, (90).

scissors, (1269). septic endophthalmitis from, (667). vision and central fields after, 1250.

provocative tests of, (443). retrobulbar injections of alcohol for, (1271).

secondary, to (223), 525. to cataract operation, (95),

to rupture of lens capsule, 820. to spherophakia, 1042. sedimentation rate in, (871).

staphyloma posticum verum in, (3?6).

tension, intraocular, change in with circulation of aqueous in ciliary body, 627.

consensual reaction in, (223). with external pressure, (223). clinical measurement of, (543), 985.

effect of, drugs on, (92).

injury to fellow eye on, (975). tenotomy of recti muscles on, (544). hypertension, (92), (757).

Glaucoma,

tension. hypertension, (continued).

in enucleated eye, (92). hypotension, (327)

intracranial and, (91), (962). after paracentesis of anterior chamber. (756).

E

H

H

H

H

H

H

H

H

H

H

pathologic mechanism of, (326).

in pregnancy, (871). and vascular pressure in eye, (325), (444).

and see Abstracts, section eight.

traumatic, see Injuries. treatment of, medical, (92)

calcium-magnesium, (91).

diathermy, (326). Doria, (1166).

epinephrin bitartrate, (432) concentrated, 497, 504, (870).

gravidan, (962). neosynephrine, 170, (432). roentgen, (91)

syntropan, (1066). vascular state in, (443). Glimmer racket, 200.

Glioma, of chiasm, (765), (973).

intraocular, (339)

of optic nerve, (768), (973). of retina, 525.

radium for, 187, (974). treatment, (553), (554), (972), (1180)

transfer of cells from eye to other, (554). Glucose, in aqueous, after cervical sympa-

thectomy, (442). Glutathione, in lens. (445), (1169).

in organs after induced cataract, (1168). Glycemia, (1168).

Glycoregulation, (756). Goiter, exophthalmic, see Thyroid. Gold, ball implant, 835, (969).

therapy of iridocyclitis, (1289). Goldfeder operation, see Trachoma.

Gonioscopy, 731, (870). illuminating device for, 943.

Goniotomy (trabeculotomy), see Glaucoma. Gonorrheal ophthalmia, see Ophthalmia Vocational School for the Blind, Gorky (342).

Gout, ocular involvement from, (234), (1183). Graefe, see Von Graefe.

Grafts for ocular repair, (105), (107), (220), 897, 942.

Gravidan therapy, (962), (1069). Green patch, see Fundus.

Gröholm, Väinö, (341).

Groenouw's disease, see Keratitis. Gumma, of bulbar conjunctiva, (863).

of choroid, (1081). of lids, (107). of optic nerve, 70.

of orbit, (229) of sclera, (540)

Gunn's sign, (97). Guthrie's lensless spectacles, see Spectacles.

Hallucination phenomena, (216). Haploscope, four-mirrored, 839.

Harder's gland, reaction to inoculation of trachoma virus, (971). Hays, Isaac, (114).

stracts

mber,

(325),

554).

54).

ipa-

).

na.

nd,

3).

0),

S.

Headache, impletol for, (433). Head injuries, see Injuries

Heine's cyclodialysis, see Glaucoma Hemangioblastomatosis, retinal, (669).

Hemangioma, of choroid, (553). of orbit, cavernous, with lymph nodules, (1180)

Hematology, see Blood.

Hematoma, or orbit, with cardiovascular collapse, (969).

traumatic subdural, in choked disc, 149, (452)

Hemeralopia, in pregnancy, 878. in sisters, (214).

and vitamin-A deficiency, (964) electric retinal response in, (96).

Hemianopsia, bitemporal, from hypophyseal lesion, (104), (1179).

homonymous, significance of, in brain tumor, (672). after skull fracture, (761)

word blindness with, (104).

in myopia, (1266). and optokinetic nystagmus, (437).

symmetrical, (334)

Hemophilia, color blindness with, (657). Hemorrhage, capillary, in nail bed accompanying eye disease, (559). corneal, disciform, (768). expulsive, (857), 1155.

choroidal, (668) pathogenesis, (434).

after perforating corneal ulcer, (441). surgical prophylaxis of, (871), (872).

retinal, and fundal in newborn, 637 in infants with meningeal hemorrhages, (760)

juvenile, (446). into vitreous, detachment of retina with,

vitreoretinal, (446).

Herman Knapp Memorial Eye Hospital,

glaucoma clinic in, (962). Herpes, corneal, (221), (1284). Bucky's border rays for, (1282).

greater frequency of, in men, (1078). traumatic, (221)

from vaccine A (Ponndorf), (222) facial, with corneal involvement, (1079). zoster, opnioning for, (1271). ophthalmicus, autohemotherapy

impletol for, (433).

perineuritis and periarteritis ciliaris in, (1081)

Heterochromia of iris, Fuchs's, (88), (328), (1164).

Heterophoria, and depth perception, (218).

tests for, (437). Heterotropia, see Strabismus.

Hexargan, (1279) Hippel-Lindau's disease, (669), (875).

History, see Ophthalmology. and see Abstracts, section eighteen.

Holloway, Thomas B., 80 Horopter, effect of size differences on, 418. Hospitals, see Eye hospitals.

Hungary, trachoma campaign in, (1185). Hyaline bodies, see Drusen.

Hyaline cartilage, for transplants, (335). Hyalitis, asteroid, (671).

Hydrogen-ion concentration, relation of, to ophthalmology, (1068).

Hydrophthalmos, (444). in newborn, (542).

Hygiene, sociology, education, and history, (114), (234), (341), (559), (772), (981), (1184).

Hypernephroma, metastatic to orbit, (228). Hyperopia, correction of, (1271).

high, familial, (215).

retinal atrophy as cause, (1274). Hypersensitivity, see Allergy. Hypertension, and fundus picture, **56**, (99).

retinal, (330) general and, (330).

Hypertensive meningeal hydrops, 908. Hyperthyroidism, see Thyroid disease Hyphema, autohemotherapy and, (1269). Hypophyseal-diencephalic syndrome,

Syndrome. Hypophysis, dystrophy of, eye lesions from,

(104)section of, effect on eye, (672).

syndrome, see Syndrome. tumors of, (103).

malignant teratoid, with ocular disturbance, (1179).

Illinois State School for the Blind, survey,

Illumination, 1221.

in care of the eye, (651). desk, 286.

for gonioscopy with binocular microscope, 943.

monochromatic yellow, in ocular tests, (207)

transillumination, (651). visual acuity and, (429), (983), (1272). and see Light.

Image, optical, catadioptric, (1274). retinal, see Retinal images.

Immunity, see Allergy Immunization, local, antibodies in cornea, etc., after, (1068).
therapeutic, with staphylococcus immuno-

gen B. (1077)

Immunogen B, (1067), (1077)

Implantation, cartilage, (763), (1074), (1077). gold ball, 835, (969).

and see Mules's operation. Impletol, (433).

India, blindness in, (772).

Industry, earning capacity in, (114), (115). eye shield for use in, (340).

injuries in, see Injuries. and see Compensation. retirement law in, (115).

spectacle, (115).

Infections, ocular, therapy, (1066). and see Focal infections.
and see Nasal accessory sinuses. Infrared, (340), (430), (856), (858). short-wave therapy, 195. Inheritance, bilateral, (436). and see under Eye disease. Injuries, (110), (232), (339), (555), (768), (975), (1181).
allergic, see Allergy.
birth, (112), (555). brown-tail moth, (439). burns, chemical, (111), (112), (232), 306. experimental, (233). cataract, traumatic, (94), (225). X-ray, (340). caterpillar hair, (1181). chalcosis, (769). of ciliary body, chemical, 194. cilium, in cornea, (233).
in posterior chamber, (111), (233).
conjunctival, (555), (861).
contusions, (555).
rupture of lamina cribrosa from, (112). superior-oblique paralysis from, 193. of cornea, birth, (112). chemical, 306. cosmetics, (977). gas, 189, (339), (1183). hemorrhage, (768). interstitial keratitis, traumatic, (555). perforating, (111), (556). radium necrosis, 192, (770). serpent ulcer, (976). vaccine pustule, (976). wounds, (233). from cosmetics, (107), (769), (977). cranial, see head. of eye, amyl nitrite, (112). caustic, (111). in children, (233). effect of, on dark adaptation of fellow eye, (975). on intraocular tension of fellow eye, (975).estimation of, (115), (116). gas gangrene infection of, (977). indemnity for, (116). industrial, see industrial. pitch, (112). siderosis, (110). in war, (1182). welding, (976). of eyelids, cosmetic, (107), (977). foreign body, in anterior chamber, magnetic, (232), (339). netic, (232), (339).
in cornea, (233), (769), (834), (1182).
intraocular, copper, (769).
localization, 308, (1181), 1232.
magnetic, (556), (978), (1182).
magnets, (232), (555).
in orbit, (233), (555).
perforating, (555).
in vitreous, extraction, (1181), 1232. of fundus, (556).

after thoracic trauma, (768).

Injuries, (continued). gases, (110), 189, (339), (1183). gunshot, (556). glaucoma from, (978). head, chiasmal lesions from, (1175) visual disturbance after, (761), (770). industrial, (340). chemical, (221). in coal industry, (110). compensation for, (115), (116), (1184). indemnity for, by private insurance companies, (116) in Slovakia and Lower Russian Carpathia, (115). motion-picture photography retinitis. (555).retinitis of stokers, (875). in submarine-soil workers, (110). of iris, (111), 194. partial loss of, (555) traumatic aniridia, (339). traumatic cyst of, (1181). of lens, (111). dislocation, (770) into vitreous, (327), (975). postsurgical, (110), (1081). Vossius's ring, (556) of lids, emphysema, (770). light, arc, (340). infrared, (340). welding, (340). medullary, effect on eye, (977). myopia, traumatic, (556). of ocular muscles by direct trauma, (1183). of optic nerve, atrophy, 1152. traumatic, (770). of orbit, (111). intermittent emphysema, (770). orbital-apex syndrome, traumatic, (770). palpebritis, see under eyelids. panophthalmitis, traumatic, (556). penetrating, (107), (556). pitch, (112) radium, (976). of retina, angiopathy, traumatic, (769). Berlin's opacity, (331). traumatic detachment of, (874). of sclera, (555), (977). traumatic cyst, (221). of tarsus, from copper-sulphate stick, (556).uveitis, traumatic, (556). welding, see light. Insurance for ocular injuries, see Injuries, industrial. Interrupter, small, (1270). Interstitial keratitis, see Keratitis. Intraocular fluids, see Fluids. Intraocular foreign bodies, see Injuries. Intraocular tension, see Glaucoma. Iodized oil injections, (108) Iontophoresis, adrenalin, (1268). dielectrophoresis with, (211).

histamine, in Quincke's edema, (222)

Iowa, forms of conjunctivitis in, (1076).

Ex

Iri

Iri Iri

Iridectomy, and traumatism to lens, (1081). Iridencleisis, see Glaucoma.

Iridocyclitis, and anesthesia of cornea, etc., (325).

etiology of, (1289) glaucomatous, (223). gold therapy of, (1289). hypertensive, (757). luetic, (88), (223), (541). following pregnancy, (867).

stracts

0).

84).

com.

Car-

initis,

(83)

70).

ick,

es,

purulent, with gonococci, (667). tuberculous, 1256.

and Weil's disease, (868). Iridoconstrictor and -dilator nerves, (868).

Iris, anomaly of, (539). aniridia, (339).

congenital, (442), (867). atrophy of, with glaucoma, (88). progressive, essential, 277, 302. and separation of anterior stroma layers

of, (543).

coloboma, surgical, gonioscopy of, 731. cyst, congenital, (222). traumatic, (1182)

diabetic rubeosis of, (869). effect on, of stimulating cortex cerebri, (1174).

folds in posterior layer of, (88). hereditary elements of, (1288). heterochromia of, see Heterochromia. injuries, see Injuries. nodules of, in tuberous leprosy, (870). pathology of, in syphilis, (90)

pigment in relation to refraction, (657), prolapse, bone formation in, (667). cicatrized, paracentesis of cornea in iso-

lating, (869). dystrophy of cornea with, (87), 411. trichloracetic acid for, 131.

rosacea lesions of, (90). sympathetic, effect of ergotamine tartrate on, (869).

tuberculosis of, see Tuberculosis. tumors of, see Tumors.

Iritis, allergic, (664). after cataract extraction, (93). experimental, (666).

gonorrheal, (223) hypotensive, in retinal detachment, (98). hypopyon, recurrent, (868).

metastatic, from rheumatic peliosis, (89). rheumatic, (89), (542). treatment, bee toxin, (542).

concentrated epinephrin, 497, 504, (870). value of X-ray examination of spine in, (1082).

Ishihara plates, (656). Soviet edition of, (1271).

Jackson, Hughlings, (773). Japan, chorioretinitis in, (97), (1084). Java, tabetic optic atrophy in, (101). Jensen's retinochoroiditis juxtapapillaris, (450).

Kayser-Fleischer ring, see Cornea. Keratitis, band, (541)

secondary to iridocyclitis, (86). in cholesteremia, (866).

emetine, (975).

epithelial vernal, (324). filamentary, (323), (865). herpetic, (1078).

Bucky's border rays for, (1282). carotin therapy, (1079). and Horner's syndrome, (1283). and see Herpes.

hypopyon, (86). interstitial, (1078).

blood-serum coagulation test in, (651).

in congenital syphilis, (221). second generation, (221), (866). formation in anterior chamber in, (1284). sympathetic, (555).

therapy, antiluetic, (87), (1285). fever, (539). vitamins A and D, (540).

malarial, (340) meibomian, (541)

mustard gas, 189. nodular, clearing of, through intercurrent keratitis, (440).

in Pappatasi fever, (341). phlyctenular, (663). and see Phlyctenulosis.

profunda, pustuliformis, (1079). punctate, superficial, and swimming-pool

conjunctivitis, (438) with dendritic corneal ulcer, etc., (1079). rosacea, (90), (324), (540), (1285). superficial, from pollen allergy, (1079). trachomatous, (1186). tuberculous, (979). ulcerosa and nonulcerosa, (540). vaccinial, (960).

Keratoconjunctivitis, diversiformis, demic, 314. eczematous, calcemia and calcium therapy for, (320)

phlyctenular, (220). scrofulous, antivirus of Mazur for, (664). sicca, (322).

Sjögren's symptom complex with, (866), (980)tuberculous, (979).

Keratoconus, contact glasses for, (85), (1287)

lines of the conical apex, (1287). treatment, 1032.

diathermocoagulation, (1076). Keratodermia blennorrhagia, 414. Keratohypopyon, see Keratitis. Keratomalacia, (113), (114)

calcium ionization for, (1068). Keratoplasty, (540), (1079), (1080), (1283),

(1286).cadaveric, (86), (1077). in familial degeneration of cornea, (1078). fixation of transplant in, (441). square-shaped, (1079). and see Cornea.

King, Clarence, 82. Knapp cataract extraction, see Cataract. Knife, for amelioration operation, (1285). Koch-Weeks bacillus, (320), (1076). Krause's gland, cyst of, (228). Krukenberg's spindle, (86), (110), 399.

Lacrima, hydrogen concentration of, (970). lysozyme content of, (230). pH of, (1068) sodium chloride content of, (337). Lacrimal canal, plastic surgery of, (230). Lacrimal canaliculi, double, (551). mycosis of, (552) supernumerary, (1177). sutures of, (551).

Lacrimal duct, insertion of wire into, (106). occlusion, congenital, 205, (338). restoration of, (764). stenosis of, Callahan tubes for, (765). stricturotomy, (108).

Lacrimal glands, alkaline secretion of, (970). corneal trachoma and, (230) ductules of, section for epiphora, (764). inflammation of, (552). pathologic histology of, (108). tuberculosis of, (971).

Lacrimal passages, malformation of, (972). permeability of, in unilateral trachoma, (863).

radical operations on, (1177). trachoma and, (1176). treatment of infections with caustics,

(971). Lacrimal probe, Bowman's, (765). Lacrimal puncta, constriction of, (338).

Lacrimal sac, dacryocystitis, (336), (338). chronic, Callahan tubes for, (765). developmental and anatomical factors in, 1252

histology and pathogenesis of, (1177 dacryocystorhinostomy, (765), 1254. external, (764). (107),(763),

intranasal, (552), 939.

diverticulum of, (1178). extirpation of, (971), (1177), (1178) treatment of epiphora after, (552). papilloma involving, (230).

plasmoma, (551) tumors of, see Tumors.

Lagophthalmos, (337). Lamina cribrosa, atropic recession of, (1173). Lamp, hammer, as ophthalmoscope, (1065).

Lapersonne, Felix de, 1062. Lauber treatment of optic atrophy, (100). Laurence-Biedl syndrome, see Syndrome.

Lead amaurosis, (228). Leber's disease, see Optic atrophy. Leiomyoma of iris, 347, (766).

Lens, adiposis of, (329). adult-nucleus streak of, (1168). antigen therapy, (1167). biochemistry of, glutathione, (445).

Lens. biochemistry of, (continued).

glycolytic action in senile lens, (446), lipids in cataractous and sclerosed, 157, phospholipid, (95). phosphoric-acid ester, (94). vitamin C, (93), (94), (445). effect of phlorhizin on, (758)

E

Li

and sulfhydrils in cataract, (445). calcification of, cause, (667).

capsule, anterior, cysticercus attached to (979). exfoliation of, in glaucoma, (91), (1165), permeability of, for vitamin C, (771). resistance of, (328).

regeneration of, in culture, (444). coloboma of, (442).

and arachnodactyly, (758). dislocation of, in arachnodactyly, 633. into anterior chamber, 1042. familial, operation, (962). hereditary, (234). into subretinal space, 795. into vitreous, (327), (975).

and see Injuries. effect of, dinitrophenol on, 779. as food for tadpoles, (562). tension on the form of, (859)

extraction of, in high myopia, 742. growth, postnatal, (668). injuries, see Injuries. lenticonus, anterior, (758).

luxation, see dislocation. metabolism of, carbohydrate, (758), (873), vitamin C in, (328)

opacities, disclike, (1067). pigment deposits of, retrolenticular, (110). preservation alive in vitro, (444)

protein, antigenic properties of, (872). of fish, (873).

rabbit, oxygen consumption of, 779. sclerosed, (95). tissue culture, (444) total index of, (1273). and see Cataract.

and see Abstracts, section nine. Lenses, see Spectacle lenses.

Leprosy, ocular, (233), (1183). corneal transplantation in, (540). surgery for, 715. tuberculoid, lagophthalmos in, (337)

tuberous, iritic complication in, (870). Leslie Dana Gold Metal award to Mrs. Winifred Hathaway, 753, 776.

Leucoma, alloplastic surgery of, (865) after corneal transplantation, (1283). Leukemia, ocular changes in, (549)

Lids, angiomata, diathermy for, (105). sclerosing solutions for, (230). closure of, reflex, with pupillary immobility, (89).

coloboma of, (336), (765). degeneration of, amyloid, (552). disappearance of bacteria from, (1279). ectropion, cicatrical, 414. mimetic, (336).

Lids, ectropion, (continued) operations for, (107), (1178). operations for, (107), (1178).
edema of, allergic, (338).
Quincke's, (222), (772).
elephantiasis of, (546), (1178).
entropion, operations for, (326), (337),

bstracts

446).

).

ed to,

1165).

873).

110).

in-

il-

d, 157.

(551).

retrobulbar injections of alcohol, (1271). gangrene of, (107), (765). gumma of, (107).

hypertrophy of tarsi, with osteoperiostosis.

instruments for treatment of, (970).

margin, cyst of, (1177).
purulent affections of, (16, seborrhea of, 808, (1177).
moles on, removal, (108).

ophthalmomyiasis of, (114), (979), (980). Paget's disease of, (973). palpebritis, see Injuries. papillomata of, electrolysis needle for,

(212).

pathology of, and therapy, Vägbhata's, (774).

plastic surgery of, (109), 715, 936. ptosis, congenital, 414.

hereditary, (234). operations for, (107), (1178). corneal sensitivity in, (551).

spasmodic retraction of upper, (1178). sty, (109).

synkinesis of, (552). trichiasis (107), (109). tumors, see Tumors.

Liesegang rings in cornea, (87).

Light, 428. colored, red, in sympathetic ophthalmia, (870).

effect of intense, on retina, (669).

indirect, for study of fine precipitates, (1287)infrared, see Infrared.

intensity of, and speed of recognition, (1070).

ophthalmoscopy in focal and indirect, (1267)polarized, attachment for ophthalmoscopy,

(651).reflex, pupillary, (453). sense, (429), 797.

effect of sound on, (435) in peripheral retina, (435). test of, (1267).

sensitivity, in conditioned and unconditioned reflexes, (1265).

distribution of, in peripheral retina,

(435)

in ocular disease, (857), (1271), (1274), stimulus, effect of indirect upon direct, (1272).

see Therapy.

threshold at macular and perimacular regions, (859). ultraviolet, see Ultraviolet light.

and see Illumination.

Limbus, biomicroscopy, of superior, (438). in trachoma and conjunctivitis, (1075). Limbus, (continued). capillaries of, in hypertension, (99). tumors of, see Tumors.

Lindau-Hippel's disease, see Retina. Lindner's microscope, (856), (875), (876). Lipogranulomatosis of orbit, (550).

Localization, optic, binocular and monocular, (859).

of vitreous opacities, (875). and see Foreign bodies, and see Retinal detachment.

Lodato, Gaetano, 205. Los Angeles Society of Ophthalmology and Otolaryngology, 302, 306, 413.

Lues, see Syphilis. Lymphadenoma of transitional folds, (232). Lymphadenosis, (232).

Lymphangioendothelioma of orbit, (1176). Lymphocytoma, epibulbar, (972).

Lymphogranulomatosis, uveoparotid fever with, (961). Lymphoma of conjunctiva, (339).

Lymphosarcoma, of conjunctiva, (553)

of eyelid, (766). Lysates, therapy, in rheumatic iritis, (89). Lysozyme, (858).

content of tears, (230). therapy, in corneal ulcers, (665).

Macula lutea, (228). coloboma of, (90).

bilateral, in twins, (670). in enzygotic twins, (876).

degeneration of, from choroidal sclerosis, (226)

familial, (671). Haab's senile, (93).

pigmentary, 834. inflammation, therapy for, (1068). lesions, luetic, familial, (98). light threshold at, (859) staphyloma of, (546).

Madeira, trachoma in, (1186). Magnesium, absorption of, in eye, (90), (91). Magnet extraction, see Injuries.

Magnets, (232), (555), (976). stand, (976).

Malaria, amblyopia from, (671). and the eye, (651). ocular changes in, (333), (340), (436).

plasmocide for, (966). therapy, for luetic optic atrophy, (966).

Malformations, ocular, hereditary, (775). Malingering, tests of, (209), 300. Marconitherapy, see Short-wave therapy.

Marfan's syndrome, see Syndrome. Masur, antivirus of, (653), (664). Matejko, Jean, myopia in, (115).

Measles, conjunctiva in, (438) Medullated nerve fibers, (100), (227).

Megalocornea, (221), (1285). Melanocarcinoma of conjunctiva, (110) Melanoblastoma of lacrimal caruncle, 675. Melanoma of iris, (231).

Melanosarcoma, of choroid, (109), (974). of conjunctival nevus, (766).

Melanosarcoma, (continued). of limbus, (1180).

Melanosis, ocular, (104), (109), (766). Memphis Society of Ophthalmology and Otolaryngology, 1051.

Meningioma, of optic nerve, 187.

suprasellar, ocular symptoms from, (957). Meningitis, epidemic, cerebrospinal, oph-thalmia from, (542).

ocular sequelae, 401, meningococcus, (771), 928.

ocular complications, (558).

Mercurochrome, for ophthalmia neonatorum, (661).

sterilization for cataract extraction, (1083). Mescal intoxication, visual symptoms from, (101)

Metabolism, importance of, in ocular therapy, (1070). of lens, (328).

Microphthalmos, congenital, with myopia, (775)

with ribbon opacity of cornea, (106). Microscope, Lindner's deflected, (856), (875), (876).

Migraine, ophthalmoplegic, 834.

Mikulicz's disease, (336)

Minnesota Academy of Ophthalmology and Otolaryngology, 66, 303, 521, 831, 945, 1147, 1256.

Miotics, carbaminoylcholin (Doryl), (223). effect of hypo- and hypercalcemia on iris nerves in presence of, (868).

ergotamine, (869). glaucit, (223).

nicotine, (442). pilocarpine, in medical mydriasis, (1069). in treatment of Leber's disease, (1174).

Moles, removal from lid, (108). Monophthalmos, (334).

Mucocele, of ethmoidal sinus, (105). of frontal sinus, (335).

Mucous membrane in ophthalmic surgery, (220), 897, 942.

Mules's operation, (106), (763). Multiple sclerosis, see Sclerosis.

Mumps, ocular paralysis from, (978).

Muscles, action of, (217) congenital absence of abduction, (1276). deviations, chart for recording, 182. inferior oblique, hyperfunction of, in pa-

ralysis of superior obliques, (436). myotomy of, 744.

inferior rectus, rotation angle of, in convergence depression, (861). injuries, see Injuries.

insertion of, scleral degeneration at site of, (1078).

oculomotor nerve, (216). palsy, after dental extraction, 188. paralysis, cyclic, (658).

operations on, advancement, (326). Prince's method, (1276). single-suture, (658). tendon spreader for, (1073). measured correction, 518. O'Connor cinch shortening, 178.

Muscles, (continued). palsy, see paralysis.

paralysis, of abducens nerve, 310. of external muscles, diagnosis and rec-

ord of, (861). diphtheric, treatment, (860).

influence of rachicentesis on, (1275). oral sepsis causing, (860) in toxic goiter, (659). (83 (839).

of gaze, dissociated, (1276). following mumps, (978). traumatic, 193.

rectus, effect of tension in glaucoma after

surgery of, (544). relation of, to accommodation and convergence, 1147.

tests, in axial myopia, (861). and see Ocular movements

Mycosis of lacrimal canals, (552).

Mydriasis, (869). medical, miotic effect of pilocarpine in, (1069).

Mydriatics, cocaine with euphthalmine, 33, 73.

epinephrin bitartrate, (432). experimental hypo- and hypercalcemia in presence of, (868).

neo-synephrine, 170, (432). nicotine, (442). octinum, (212), (1268). suprarenin bitartrate, 33, 73.

syntropan, (650), (1066). Myiasis, see Ophthalmomyiasis.

and see Parasites. Mycampter with suture, (437).

Myopia, axial, functional muscle tests in, (861).

clearness of image in, (1071). hemianopsia in, bitemporal, (1266).

high, congenital, (775). with good correction, (1072). lenses for, 281.

lens removal in, 742. monocular, etiology, (214). in Jean Matejko, (115).

myopic fundus changes without, (656). and orbital congestion, (215).

pseudoscotomata in, (210). unilateral, (1271). visual acuity in, (858).

Naphthalin cataract, see Cataract.

Nasal accessory sinuses, cavernous, thrombosis of, (229), (550), (1176). disease of, and ocular involvement, (113). ethmoidal, (107).

mucocele, (105).

penetrating wound of, (555). exophthalmos from, (551).

maxillary, (105). veins of, and orbit, (562). corneal ulcer and, (1293).

optic neuritis from, (105). and retrobulbar, (101), (113), 524, (967). orbital complications from, (105), (107),

(229), (547).Proetz therapy, (113).

Nasal accessory sinuses, (continued) result of radical treatment of, (557). sphenoid, ocular symptoms from, (103),

tumors, see Tumors. and see Focal infections.

Nasal-nerve syndrome, see Syndrome. Nasal origin of sympathetic ophthalmia, 618. Nasal pathology, epiphora and, (337), (338).
Nashville Academy of Ophthalmology and
Otolaryngology, 1155.
Nasolacrimal duct, congenital imperforations

ts

of, 1256. National Society for the Prevention of Blindness, 1935 proceedings, 203.

Neo-synephrine, 170, (432). Nephritis, ocular complications of, (545). Nephrotoxin, effect of, on eye, (451). Nerve, fibers, medullated, (100), (227). fifth, neuralgia of, in scleritis, (1284).

sixth, paralysis, (216), (1276). third, 188, (216), (658).

Neuroepithelioma, see Glioma. Neurodermatitis, cataract with, (1169). Neurofibroma of orbit, (767).

Neuralgia, of fifth nerve, (1284). supraorbital, short-wave therapy for,

(857).Neurofibromatosis, see Recklinghausen's dis-

Neurogliomata, ganglionic, of face, (555).

Neurology, the eye in, 1132, otology and ophthalmology, 1156, (1184). Neuromyelitis optica, (965), 1119. Neuroretinitis, septic, (96).

Nevus, of conjunctiva, progressive cystic, (218).

pigmented, melanosarcoma in, (766). flammeus, and glaucoma, (962). unilateral and homolateral glaucoma,

(92)ocular, (104).

Newborn, blennorrhea of, see Ophthalmia. retinal and fundus hemorrhages in, 637. ew England Ophthalmological Society, 309, 418, 742, 948.

News Items, 118, 235, 344, 454, 563, 673, 776, 878, 983, 1086, 1187, 1290. Nicholle, Charles, (560). Nicotine, effect of, on pupil, (442). Night blindness, see Hemeralopia. Nose and eye, (654), (862). Nurses, Wills Hospital eye manual for, 315.

Nystagmus, (217), (860), (1276). congenital, (1073). in congenital color blindness, (659).

cure after corneal graft, (867). latent, attention in, (319). miners', (1073).

genesis of, (658).

optokinetic, hemianopsia and, (437).

Obituaries Albertotti, Giuseppi, 1063. Bane, William C., 537. Elliot, Robert Henry, 203. Folk, Max Lyon, 1064. Holloway, Thomas B., 80.

Obituaries, (continued). King, Clarence, 82.

Lapersonne, Felix de, 1062. Lodato, Gaetano, 205.

Smith, Sir Grafton Elliot, 538.

O'Connor cinch-shortening operation, see Muscles.

Octinum mydriasis, (212), (1268).
Ocular fatigue, see Fatigue.
Ocular fluids, (450), (1166), (1172).
Ocular infection, B. coli in, (207), (320).
Ocular movements, (216), (319), (436),

(658), (859), (1073), (1275).

associated vertical, paralysis of, (217). during reading, (214).

effect of anoxemia on, 1204. cortical innervation of, (437). when lids are closed, (1073). vestibular reflexes in, (860)

Ocular tension, see Glaucoma. Oculomotor, see Muscles.

Oculonasal nervous interreactions, (979). Oculotropism, experimental, (88).

Oculus fascinus, (774). Oestrus ovis, see Parasites. Oguchi's disease, (670).

Oligodendrocytoma of optic nerve, (109) One-eyed, stereoscopic vision in the, (983). surgery of the, (655). worker, (116).

vocational efficiency, (982).

Operations, ocular, anatomic considerations in, (211).

entoptic phenomena after, (216) general blood pressure and, (210). physiopathology of patient after, (433). preparation of cadaver orbit for, (211). retrobulbar injection of anesthetics for, (210).

and see Surgery; and see Abstracts, sec-tion two; and see also under individual subjects, such as Cataract, Glaucoma, Lids, Retina, or the personal name associated with the particular operation.

Ophthalmia, acute, (322).

cosmetic, (977). and see Injuries. gonorrheal, (320), 632, (663). bacterial studies in, (1075).

in adult, hyperthermic treatment for, 63. gonoreaction in, (1075)

occlusion treatment, phacocele from, (1281)

in Pilsudski eye clinic, (219). treatment, (84), (661), (1278), (1279).

Koch-Weeks, (320), (1076). neonatorum, 190, (659), (660), (661), (662), (663), 878, (1269). nodosa, from brown-tail moth, (439).

metastatic, from epidemic cerebrospinal meningitis, (542).

phlyctenular, see Keratitis. sympathetic, see Sympathetic ophthalmia. Ophthalmic artery, anomalous, (452).

Ophthalmodynamometer, (330), blood-pressure readings with, (207). Ophthalmitis, metastatic, (89).

Ophthalmo-eikonometer, (656).

Ophthalmological societies

American Academy of Ophthalmology and Otolaryngology, 77, 953, 958.

American Medical Society, Section on Ophthalmology, 753, 854, 1060.

American Ophthalmological Society, 78 American Ophthalmological Society, 78,

533, 1060.

Chicago, 67, 194, 308, 525, 744, 949, 1252. Colorado, 193, 632, 834, 1152. Los Angeles, 302, 413. Memphis, 1051.

Minnesota, 66, 303, 306, 521, 831, 945, 1147, 1256.

Nashville, 1155. New England, 309, 418, 742, 948.

Oxford, 1060.

Philadelphia, 70, 411, 523, 634, 838, 1054, 1252

Pittsburgh, 522.

Research, see Association for Research in

Ophthalmology.
Royal, 187, 415, 637, 833, 1048.
Saint Louis, 73, 305, 631, 749.
Washington, D.C., 951. Western, 1060. United Kingdom, 190.

and see News Items.

Ophthalmologists, dermatotherapy in practice of, (1177).

distinctive term, (234). Hughlings Jackson, (773).

Isaac Hays, (114). letters of, (559). Ophthalmology, ad adrenalin in, 497, 504, (1268).

allergy in relation to, 832. ancient writings on, (114).

Chinese, (774). Vāgbhata's, (774).

bactericidal substances in, (1069). comparative, see Abstracts, section nine-

constellation pathology and, (561).

discourse in, in old obstetric works, (1185).

history of, 183, 534, (981).
in Germany, Charité Hospital, (774).
medieval, (772).
inheritance in, bilateral, (436).
at Long Island Medical College, (981).

neurology, otology, and, 1156, (1184). photography in, (1065). pH and buffers in relation to, (1068).

research and, (652).

teaching of, graduate, 313, 1060, 1261. standards, (982). test for syphilis in, (650).

textbooks of, for nurses, 315, 649.

pathology, 648. therapeutics, 755

vitamins, A and C in, (771). ointment containing, (1068). therapy in, (1069).

X ray in, (856). and see Abstracts, section eighteen. Ophthalmomyiasis, externa, (114), (979), (980), (1184).

Ophthalmomyiasis, (continued).

interna, (978). Ophthalmoplegia, from aneurysm of inter-

nal carotid artery, (658). bilateral, from hypophyseal tumor, (1179). exophthalmic, (229).

following spinal anesthesia, 310. internal, (215).

clinical value of, (103). Ophthalmoscope, ha Grósz as, (1065). hammer lamp of von

measuring caliber of retinal vessels, (760). signs of death discerned by, (431). surgical, 626.

topographic chart for, (431). Ophthalmoscopy, aids to, (1066).

atlas of, 648.

auto-, (208). classification of arteriosclerosis by, (873). in focal and indirect light, (1267).

infrared, (430). localization by, (431). medical, 957.

polarized-light attachment for, (651). Sir Clifford Allbutt and medical, (981). ultrared, (651).

Ophthalmoperimetry, indirect, (1065). Ophthalmotonoangioscopy, (206). Opsonic index for uveal pigment, (666).

Optic atrophy, see Optic-nerve atrophy. Optic canal, crossed symmetric projection of, (209).

Optic chiasm, see Chiasm.

Optic foramen, (333). Crouzon's disease and, (452), (1174).

Optic nerve and toxic amblyopias, (100), (227), (333), (451), (546), (671), (761), (876), (965), (1085), (1172).

Optic-nerve atrophy, and amaurosis following typhus fever, (547). calcium shadows at chiasma in, (102).

cavernous, after uveoparotid fever, (877). Charcot-Marie tooth disease with, (1174). descending, after optic-chiasm bisection, (672).

dwarfism with, (97). from Frölich's disease, (104). incipient, diagnosis of, (206). after injury, 1152.

after injury, 11 Leber's, (333).

and results of injury, (1173).

treated with miotics and stimulants, (1174).

from plasmocide, (966), (967), (1174). presenting sign in pernicious anemia, (761)

in Recklinghausen's disease, (1086). from suprasellar meningioma, (967) syphilitic, cerebrospinal fluid in, (966). malaria therapy for, (966).

tabetic, (100). cyclodialysis for, (227). retrobulbar atropine for, (102).

treatment, (100). atropine, retrobulbar, 53, (102), (547). paracentesis and, 511, 747.

sympathectomy, (873). from tumor of hypophysis, (547). unilateral, (334), (672). Optic nerve, abscess of, (671). anomaly of, (343). in anencephalic monsters, (116). areas of softening in, (334). coloboma of, 634, 777. disc, anomaly, (775). of venous distribution in, 838. atrophic excavation of, (546) cavernous excavation of, (876) choked, anatomic findings in, (876). dark adaptation in, (967). diagnosis of, (761). ophthalmoscopic, (1173) experimental studies on, 881. origin, dynamometric observation, (876).pathology and pathogenesis, (102). prognosis of, (1173). from subdural hematoma, 149. from suprasellar meningioma, (967). syphilitic, (967). congenital pit formation in, (330). conus heterotypicus, (103). cupped, without glaucoma, (1085).
direction of flow between cerebrospinal
fluid and, in rats, 457.
drusen, heredity of, (452). epipapillary membrane, (103). fibrosis of, congenital, 633. papillitis, tuberculous, 390. tumor of, see Tumors. varicosities of, (1172). disease, 1099. familial, (333). light sensitivity in, (857), (1271). snake-venom therapy for, (654). syphilitic, (967). gumma of, 70. initial lesions of fibers of, (102). medullated fibers of, with oxycephaly, (100), (227). neuromyelitis of, from malaria, (333). radiation, effect of lesion, (965). tumors, see Tumors. and see Brain tumors. Optic neuritis, in anemia, 878. calcium ionization for, (1068). dark adaptation in, (967). interstitial, from malaria, (333). ophthalmotonoangioscopy in diagnosis of, retrobulbar, acute, (761). lumbar puncture in, (103). secondary to ethmoidal infection, 524. in Chinese, (451), (452). exophthalmos with, (762) Foster Kennedy sign, (973). intracranial anatomic lesions in, (877). preceding Leber's optic atrophy, (333). myelitis following, (102), (967), 1119. in pellagra, 708. pernicious anemia with, (228).

Optic-nerve atrophy,

treatment, (continued)

Optic neuritis, retrobulbar, (continued). in pregnancy, 690. toxic, plasmocide, (333), (966). and see Plasmocide. treatment, acetylcholine, (966). sodium nitrite, (227). vasodilators, (227). and sinusitis, (101), (103), (967). Proetz therapy in, (113). syphilitic, (967). Optic vesicle, (228) Opticomyelitis, (102). Optometry, 1162, 1259. Optreax, (230). Orbit, abscess of, (229), (548). panophthalmitis from, **61.**after typhoid fever, (549).
alcohol injections of, (1269), (1271).
cellulitis, (229), (547). cephalocele of anterior, (1176). complications of, after ventricular puncture, (549). congestion of, myopia and, (215). cyst, dermoid, (550). echinococcus, (558). encephalocele of, (106). exenteration, (228) filaria of, (229), (772). hematoma of, after enucleation, (969). infection of, cavernous-sinus thrombosis from, (550). inflammations of, (548), 750. injuries of, see Injuries lipogranulomatosis of, (550). lymphoid-tissue hyperplasia of, (969). osteomyelitis of, (229). phlegmon of, (229). from caustic treatment of lacrimal passage, (971). plastic surgery of, (335). preparation of, in cadaver, (211). pseudotumors of, (335). inflammatory, (968). parasitic, (229). restoration of, 105, (762), (862). synhilite processes in (960). syphilitic processes in, (969). syphilomas, (550). veins of maxillary sinus and, (562). tumors, see Tumors. and see Abstracts, section thirteen. Orthoptic exercise, (216), 427, 744, 1151. Osarsol, (1068). Osteitis deformans, see Paget's disease Osteoma, orbito-frontal-ethmoidal, (973). neurology, ophthalmology and, Otology, 1156. Otosclerosis and blue sclerotics, (665) Oxford Ophthalmological Congress, 1060. Oxycephaly, (968), (1174). Apert's syndrome with, 833. and see Crouzon's disease.

Paget's disease, ocular complications in, (973), (1176). corneal, opacity, (665). pigmented degeneration, 1139.

Pain, control of, (1269)

and eye disease, (774).

Palestine, intensity of ultraviolet rays in, (1268)

trachoma in, (559). Palpebritis, see Injuries. Pannus, see Cornea. and see Trachoma.

Panophthalmitis, from orbital abscess, 61. real and false, (222). tuberculous, (324).
Pantocain, see Pontocain. Papilla, see Optic nerve. Papilledema, see Optic nerve. Papillitis, see Optic nerve. Papilloma, of lids, (212).

nasal, (230). Pappatasi fever, ocular complications of, (341).

Paracentesis, and atropine in optic and retinal atrophies, 511, 747. in cicatrized prolapse of iris, (869). in corneal ulcers, (323).

tension after, (756).

with shortened retrotarsal fold, (870).

Parapapillary conus, (103).

Parasites, (229). cysticercus, see Cysticercus. echinococci, see Cysticercus. Filaria, loa, (979), (1183).
of orbit, (772).
scrabini, (114).
in U. S. S. R., (1183).
Hypoderma bovis, (978) (980).

Oestrus ovis, (114), (1184) Wohlfahrtia magnifica, (978).

and see Abstracts, section seventeen. Pediculosis, phlyctenular eye disease and,

(84)Peliosis, rheumatic, uveal metastasis from,

Pellagra, retrobulbar neuritis in, 708. Pemphigus, ocular, (84), (220), (438), (659), (864), (1278).

Pennsylvania, causes of blindness in, (114), (341), (773)

Perception, color, (215). acuity of, on Nagel anomaloscope, (215). defective, neophan glasses for, (1273). effect of, sound on, (435), (1272). vestibular stimulation on. (1070).

and see Abstracts, section three. depth, (429).

in anisometropia, (1071). and stereomyograph comapparatus, pared, (1066). heterophoria and, (218).

norms of, on the stereomyograph, (656). light, (435)

threshold, (214), (859). space, (1271).

threshold of, during dark adaptation, (1072).

visual, see Vision. Perimeter, -campimeter, (208). cupola, (650).

Zeiss projection, (653).

Perimetry, flash, 828, (857), 949.

Perspective, (1271).

pH, see Hydrogen-ion concentration. Phacocele, (1281). Phacoëresis, see Cataract.

Philadelphia College of Physicians, see College of Physicians of Philadelphia, Section on Ophthalmology.

Phlyctenules, blood-serum coagulation test, (651).

tuberculosis of conjunctiva with, (85). Phlyctenulosis, (220), (320), (663). carotene injections for, (660). and pediculosis, (84).

and see Conjunctivitis. and see Keratitis.

Phorias, vertical, burning with, 740. Photography, analysis of alternating vision

during reading by, 1142. of eye, Kodachrome, 1252. of fundus, (207), 746, (857), 1252.

identification by means of, (1172). infrared, (430), (856).

in ophthalmology, (1065). motion-picture, see Cinematography. of slitlamp image, (856).

Photometer, (1272). Phthisis bulbi with cholesterin crystals in

anterior chamber, (762).
Physiological optics, refraction, and color vi-(213), (434), (655), (858), (1070), sion. (1271).

Physiological optics, William Porterfield on, (114).

Physostigmine salicylate, 1042.

Pigment, in fundus, clinical importance of (856).

of the retina, (671). ring, corneal, 189. retrolenticular, (110).

Pilocarpine, miotic effect of, in medical mydriasis, (1069)

in treatment of Leber's disease, (1174) Pittsburgh Ophthalmological Society, 522. Pituitary disease, see Hypophysis Plasmocide, complicat (966), (967), (1174) complications, (333),

treatment and prophylaxis of. (966). Plasmoma of lacrimal sac, (551).

Plastic surgery, see Surgery. Platinum tattooing, (86) Poland, blindness in, (234). cataract in. (342), (446).

hospitalization for ocular disease in, (234).

Polarized light, see Light. Polycoria, (542).

Polycythemia, fundus changes in, (964). Pontocain, advantages of, over cocaine, (1267)

cause of eczema, (655).

effect on conjunctiva and cornea, (432) Porphyrinuria, scleromalacia with, (1080), (1288)

Porterfield, William, (114)

Posterior segment, anomalies of. (343). Prague, Czech eye clinic in, (560). Pregnancy, cataract in first, (224).

Pregnancy, (continued) hemeralopia with, 878. intraocular pressure in, (871). iridocyclitis after, (867). pupillary test of, (209). toxemias of, **56**, **253**, 308, **690**. Prince's advancement operation, (1276). Proetz therapy in retrobulbar neuritis, (113). Protein, corneal, (665). therapy in ophthalmology, (434). Proptosis, see Exophthalmos.

Prothesis, as corrective agent, (982). epithelial inlay of sac for, (548). metallic, (657). operation for retention of, (228). prisms for, (436).

S

Psammoma of papilla, (766). Pseudoxanthoma elasticum and angioid streaks of retina, (545). Pterygium, dominant inheritance of, (1281).

etiology of, **40**, (660). operation for, (85), **165**, **942**. Pupil, action of nicotine on, (442). Argyll Robertson, (90).

zona ophthalmica and, (868). cervico-thoracic sympathectomy, after

dilation of, diagnostic, (650). immobility of, (89), (90). unilateral, (324).

inequality of, without reflex disturbance,

lid-closure reflex, (89). polycoria, myopia and optic atrophy with, (542).

reactions of, in general anesthesia, (207). for near position, (434). in pregnancy, (209).

size of, and fusion frequency, (210). Pupillary distance, effect of, on interorbital distance, (430). Pupillary light reflex, afferent path of, (453).

Pupillary membrane, (868).

Pupillotonia, (1288). Purtscher's disease, (769).

Quackery, the glimmer racket, 200. Oueensland, causes of blindness in, (1185). Quincke's edema, ocular manifestation in, (222), (772), (981).

Quinine amblyopia, (101), (102), (452) initial lesions of nerve fibers in. (102). effect of, on dog's retina. (760). (966). therapy, in trachoma, (660), (663).

Rachicentesis, in extrinsic-muscle paralysis, (1275).

for hypertensive retinitis. (955). Radiation, gamma rays' effect on rat retina, (117), (983).

Radiography, see X rays. Radium, effects of irradiating cornea with, 192, (976)

emanation therapy. (212) radon seeds for retinal glioma, 187, (974). therapy, 195. (972), (1069). Rathke's tumors, see Brain.

Rayleighs' level, effect of sound on, (1071). Raynaud's disease, spasm of central retinal artery in. (964).

Recession operation, see Muscles. Recklinghausen's disease, involving ocular structures, 368, (768), (1068).

Reflexes, conditioned and unconditioned, in man, (1265).

oculocardiac, (756). in cataract and glaucoma, (1082) vestibular, in ocular movements, (860). and see Accommodation. and see Pupil.

Refraction, 1160. astigmatic dials in refined, (1072). and axial length of eye, (216).

changes of, in children, (217). corneal, (431). corneal curvature and, (213). cross-cylinder test in, 408. under cyclop!egia, 749, 822, 950.

errors of, and color of eye, (981) in Infirmary of Santa Lucia, (1184). history of, (774).

ocular muscles and, 1147. pigment content of iris and, (657). testing of, 21, 1057 postcycloplegic, 422.

and see Abstracts, section three. Reticulo-endothelial system of the eye, (654), (664) Retriculo-endothelioma, epibulbar, (554).

Reticuloma of orbit, (664). Retina and vitreous, (95), (225), (329), (446), (545), (669), (758), (873), (964), (1084), (1169).

Retina, anatomy of, (342). in anencephalic monsters, (116). angiogliosis of, (1170) angioid streaks of, (545).

angiomata of, von Hippel's, 188, (226), 522, (669).angiospasm of, (670).

anomalies of, (546). atrophy of, congenital, and axial hyper-metropia, (1274). dwarfism in, (97)

paracentesis and atropine in, 511, 747. in avitaminosis, (436)

electric response, (96). cerebral representation of, in chimpanzee, (967).

chemistry of. (105), (226). circulation, disturbances of, (97). coloboma of, 837.

cysts of, and genesis of holes, (759). degeneration of, cystic, at ora serrata,

pigmentary, cervical sympathectomy for, (873). with dementia. (331).

hereditary, (234). and blood group. senile macular, (449) stimulating therapy in, (1172).

tapeto-, (214), (1084), (1169). development of, (436).

Retinal blood vessels, (continued).

and constitution, (331).

Retina, (continued). disease of, light sensitivity in, (857), (1271).effect of, plasmocide on, normal and toxic, (964). quinine on oxygen consumption of dog's, fluid, subretinal, amylase of, (1172). folds of, congenital, (546), (964). function of, effect of long-wave light on, (858).hemorrhage in, calcium ionization for, (1068)in epidemic dropsy, (669). in infants, with meningeal hemorrhages, (760)juvenile, (446) in newborn, 637. identification by photography of, (1172). interchange of energy and matter in, (669).lesions of, allergic, (875). central, working efficiency in, (115). Lindau-Hippel's disease of, see angiomata. macula, see Macula medullated nerve fibers of, (100), (227). neurinoma of, (448). opacity of, Berlin's, (331). peripheral, light sensitivity in, (435). periphelal, fight sensitivity in, (43) periphelalitis of, (95). perivasculitis of, (545). photography of, see Photography, pigment epithelium, (671). pathologic secretory process of, (451). toxic changes of, similar to those in kidney, (1171). pigmentation of. Laurence-Moon-Biedl syndrome, (227) of rat, gamma radiation of, (117), (983). reaction of, to substances in anterior chamber and vitreous, (669). rents in, see Retinal detachment. respiratory intensity under experimental conditions, (669) rod and cone function, (342), (857), (964), (1275).snake venom for pathology of, (654). structure of, (1172). tumors of, see Tumors. visual purple, (436). Retinal angiotonometer, (450). Retinal arteries, central, blood pressure in, (332).changes with posture, (330), (670). embolism of, (97). thrombo-angiitis and obliterans, (1084)treated with eupaverin. (1084). occlusion of. (97). (100), 640. spasm of, (97), 643, (759), (965). in Raynaud's disease, (964). short-wave therapy for. (857). occlusion of, sudden, 237. (545). pulsation change in, (759).

Retinal blood vessels, anatomy and embry-

anomalies of. optico-choroidal vein, (227).

ology of, (117)

branchings of, (97).

crossing phenomenon in high tension, (447).dilated, tortuous, in Pappatasi fever, (341). diameter of, (652). ophthalmoscopic measurement of, (760). Gunn's sign, significaince of, (97). in hypertension, (99).
pressure of, and intracranial blood pressure, (98), (330). reflex streaks upon, (447) spasm, in pregnancy, 56, 308. from endocrine imbalance, (670). Retinal correspondence, (214). in strabismus, (1275). Retinal detachment, 78, 527. in aphakia, 746. bilateral, due to allergy? 580. "cures" of, 1059. experimental, (450). holes (rents, tears), (546). genesis of, (759). giant, (100). latent, in area of coloboma of choroid, (1085)localization of, (97) hypotensive iritis in, (98) idiopathic, heredity of, (100). lens for, (873) at macula, (546), (760). at ora serrata, (1179). origin of, (98). reattachment, 412. retroretinal fluid in, enzyme content of, (450), (1172). scleritis complicated by, (759). spontaneous (senile-myopic), (1085). total, in subacute nephritis. (545). and traumatism, (874), (1085) treatment, operations, 68, (447). catholysis, (546). chemical, (546). defective central vision after successful, 591, (875) diathermy, 68, (96), (98), (100), 194, (226), 303, (330), (450), (546). (330), (450), (546), (760), (1171). diaphanoscopy, (760)histological findings after, 749. modification of corneal curvature after, (449) point for, 296. pyrometric, (225), (546). retractor for, (873) galvanocautery, (760). results after. 67, (99). suturing. (99) thermophore, 412, 631. in II. University Eye Clinic of Vienna, (99). and vitreous, (1171) hemorrhages, (759). Retinal illumination, gradient of, 260. Retinal images, size differences, 418. in asymmetric convergence, (1272). effect of correcting lens on, (656). and see Aniseikonia.

Retinal vein, central, thrombosis, (759). 1125.

Retinitis, albuminuric, (1171).

circinata, (1171). diabetic, (95), (330). exudative, senile, macular, (449).

from sphenoidal sinusitis, (449). hypertensive, rachicentesis for, (965). venous pulse of, (874).

leukemic, (669) pigmentosa, 833

atypical, (1169). etiology, (964). lipoid in pigment epithelium in, (758).

treatment, (226), 311. ocular decompression in, (227). stellate, 309.

of stokers, (875).

Retinoblastoma, see Glioma. Retinochoroiditis, Jensen's (450). Retinography, see Photography. Retinoscopy, see Refraction. Retractor, (873).

Retrobulbar injections, of alcohol, (1269), (1271).

of anesthetics, (2 of atropine, (547) (210).

in arteriosclerotic atrophy, (452). Retrobulbar neuritis, see Optic neuritis. Rickets, zonular cataract and, (93).

Rickettsioid bodies, culture of, in vitro, (863).

in trachoma, (861).

Victoria-blue staining of, (660). Rodent ulcer, see Cornea.

Roentgen ray, see X ray. Rosacea, see Acne rosacea.

Roumania, ophthalmia neonatorum in, 878. Royal Society of Medicine. Section of Oph-thalmology, 187, 415, 635, 833, 1048.

Saggi di Oftalmologia, 1934-36, 318. Saint Louis Ophthalmic Society, 73, 305, 631,

Sarcoid, Boeck's, of orbit, (1179). of eyelid, with Darier-Roussy's, (972). Sarcoma, of choroid, incipient, (1179).

melanotic, (109), (768). of ciliary body, 187, (1179).

of conjunctiva, 309.

of iris, (1179). of lacrimal sac, (767).

of lids, 309. in melanotic eyeball, (766).

of orbit, (110). Rous, of eye, (554)

of uveal tract, (339), (973).

retothele-, (1179). Scarpa, Antonio, "L'Oculistica." 534.

Schaff's mosaic plates, in test of color vision,

Schlemm's canal, mechanism of, (90). Schneller operation for entropion, see Entropion.

Schüller-Christian syndrome, see Syndrome. Scissors, ophthalmic trephine, (1269).

Sclera, abscess of, metastatic, (441). blue, bone fragility and otosclerosis with,

and hyperparathyroidism, (86). cyst, traumatic, (221), (1286). degeneration, senile, (1078). gumma of, (540).

perforation of, (667).

thermocauterization of, nonperforating, (875).

and see Abstracts, section six. Scleral shell, inclusion of glass sphere in, (106), (763)

Sclerectomy, see Glaucoma.

Scleritis, cured, retinal detachment with, (759)

episcleritis, and pelvic disease of women, 945. malignant, (440)

neuralgia of fifth nerve in, (1284).

Scleromalacia, **565**, (866). perforans, (977), (1080)

with porphyrinuria, (1080), (1288). Sclerosis, multiple, eye findings in, 316. tuberous, cerebral, ocular change in, (875).

Sclerotomy, see Glaucoma. Scopolamine as cycloplegic, 822, 950. Scotoma, central, in tabes, 634.

pseudo-, in myopia, (210)

Scotometry, fixation in, (206). Scrofulosis, hydrophile test in, (430). Seeing, 1264.

Sella turcica, eye disturbances from lesions of, (104), (546), (974). X-ray therapy of tumors of, (335).

Sensitivity, light and color, see Perception. Shahan's thermophore, 412, 631. Short-wave therapy, 195, (211), (212), (213),

(433), (857

Siderosis, (110). Siegrist, (331).

Simulators, see Malingering. Sinuses, see Nasal accessory sinuses.

Sjögren's symptom complex with keratoconjunctivitis sicca, (866), (980).

Skulls, ancient, indicating ophthalmic disease, 1045.

Slitlamp, microscope, (856). observations, photography of, (856) Slovakia, ocular injuries in, (115), (116). Smith, Sir Grafton Elliot. 538. Snake-venom therapy, (654).

Social Security Act, and the blind, (561).

Sociology, see Abstracts, section eighteen. Socket, restoration of, (548), (549). (654),Sodium (evipal), (1267).

evipan (1270).Sodium, chloride, in tears, (337).

lamps, for ocular examination, (207) nitrite, for retrobulbar neuritis, (227

Sound, effect of, on color perception, (435),

Southern Medical Association, 1936 meeting, 76.

Spectacle frame, for blepharospasm, (970). trial, (1274)

Spectacle industry, (115).

Surgery.

(863).

Explanation: Numbers in heavy type refer to original articles, parenthetic numbers to abstracts

Surgery, (continued).

Spectacle lenses, 308. anastigmatic, (435), (1274). bifocals for high myopia, 281. colored, for operating use, 301. concave, for exotropia, 74. contact, 605, (657), (858), (859), (1287). prothesis for selection of, (657). history of, (657). neophan, in defective color vision, (1273). oldest, in wood carvings, (342). physiological lensless, 517, 531. prisms, cosmetic, (436). protective, colored, 673. of palpebral fissure from light, (657). for retinal detachment, (873). telescopic, (213). thin, for high myopia, 281. trial, (860), (1071). trichromatic, for dichromates, (435). twincentric, (658). Speculum, irrigation, 948. Spermine bases of ocular tissues, 508. Sphenoid-bone fracture, diagnosis, (970). Sphenoiditis, see Nasal accessory sinuses. Sphenopalatine ganglion, 953, (1269). and see Syndrome. Spherophakia, extraction, 1042. Spleen extract, in ocular tuberculosis, (432). Spongioblastoma of optic nerve, (109). Spring catarrh, see Conjunctivitis. Souint, see Strabismus. Staphylococcus, action, in eye, (548), (762). immunogen B., (1067), (1077). Staphyloma, of macula, (546). posticum verum, (326). Stargardt's disease, 834. Stereomyograph, norms of depth perception on, (656), (1066). Stereoscope, (659). Stokers, retinitis of, (875). Strabismus, afterimage in, 419, (859). alternating, equalization of retinal images for, (437). amblyopia, (217). concomitant convergent, predominance of one hand and, (659). convergent, etiology of. 478. in monozygotic twins, (217). treatment, (1073). normal and abnormal relations of retinae in, (1275). pupillary distance, (430). sheath, (1277). spontaneous cure of, changes in refraction in, (217). treatment, nonoperative, orthoptic, (216), 427, 744, (1073). operative, (217), 265, 631. measured, 518, in twins, (860), and see Muscles. Streptococcus, neuroretinitis from, (96). Sty, see Lids. Summation, binocular, (1072), (1271). Sundqvist, Magnus, (341). Surgery, ocular, alloplastic, of leucoma,

bactericidal substances in, (1069). mucous membrane in, (220), 897, 942. motion-picture photography of, 1145. of the one-eyed, (655). parasol to eliminate glare in, (213). simultaneous on both eyes, (434). sodium evipan anesthesia for, (654), (1267) plastic, of face, (552). lacrimal canal, (230). lid repair with fascia lata, 936. and see Operations. Suprarenin bitartrate with euphthalmine as mydriatic, 33, 73. Sweden, trachoma in, (114) Sympathectomy, (442), (961). in optic atrophy and retinal-pigment degeneration, (873). Sympathetic ophthalmia, 135, 414. from exogenous infection, (90). experimental, (442). latent diabetes and, (1082). pathology of, (961). postoperative, prognosis of, (960). prophylactic procedure for, (1165). recovery of vision after. 71, 181. rhinogenic origin of, 618. therapy, atophanyl, (cyclotropin, (1269). red light, (870). vaccine, 71. and see Abstracts, section seven. Sympathetic ciliary system, relation to nerves, (117). Synchisis aurea, (1170). Syndrome, Adie's, (961). Argyll Robertson, see Pupil. Bernard-Horner, (977). Brown Séquard, (977). cervical sympathetic posterior, (104). chiasmal, (104), 690. gargoylism, (865). Horner's, herpes corneae and, (1283). hypophyseal-diencephalic, (968). Laurence-Moon-Biedl, (227), (332), 833, (875), (965) Marfan's, (328), 633, (667), (758), (1183). nasal-nerve, (341), (979), (1270). ocular, of hepatic origin, (771). of orbital floor, (105). orbital apex, traumatic, Schüller-Christian, (106), (335), (761), sphenopalatine ganglion. (112), (979). Touraine-Solenta-Golé (osteodermopathic), (1178). Synechiotomy. (1288)Syntropan, (650), (1066). Syphilis, of bulbar conjunctiva, (1073). cerebrospinal eve findings in, 316. Chediak-Dahr test for, in ophthalmology, (650)choked disc in. (967). congenital, (234). gumma of conjunctiva in. (863) of second generation, 198, (221), (866).

Syphilis, (continued).

icts

4),

as

le-

ry

of conjunctiva, palpebral, (321). fundus lesions in, (98).

hereditary, pupillary rigidity with, (90). iris and pupil pathology in, (90). lesions in rabbit, experimental, (771

lesions (981).

neuro-, and ocular effects of tryparsamide,

old, ocular involvement from, (341).

optic nerve, gumma, 70. effect on, (966), (967).

orbital, (969).

treatment, combined medical and surgical, (88).

osarsol, (1068).

Syphiloma of orbit, symmetric, (550)

Syria, trachoma distribution in, (1185). Systemic disease and parasites, (112), (233), (340), (557), (770), (978), (1183).

Tabes dorsalis, ocular changes in, (101), (102), (110), 316, 634.

Tangent screen, simple cone for, (856).

Tapetoretinal disease, (214), (1084), (1169).

Targesin, (1269)

Tarsorrhaphy, (1178).

Bell's phenomenon after, (764). Tarsus, trichosis of, (337)

Tattooing of cornea, (431).

Tears, see Lacrima.

and see Retinal detachment.

Tebeprotein, (654). Teeth, see Focal infection.

Tendon spreader, (659), (1073). Tennent chair and Institute, (559).

Tenon's capsule, implantation of foreign substance into, 298.

Tension, intraocular, see Glaucoma.

Teratoma of testicle, metastatic to eye,

(766).Test, for aniseikonia, see Aniseikonia.

biologic, (112). for color blindness, see Color blindness.

for depth perception, see Perception. for refraction, see Refraction.

Rorschach, intelligence, (653).

of visual acuity, see Visual acuity. Tetany, juvenile cataract and, (94).

zonular cataract and, (93).

Textbooks, in grade schools, (1186). on ophthalmology, see Ophthalmology. Therapeutics and operations, (210), (431), (653), (857), (1066), (1267). Therapy, (431), 755, (1271).

Thermocautery, nonperforating, of sclera,

Thermophore, 412, 631.

Thiersch graft, (549). Thromboangiitis obliterans, emb central retinal artery and, (1084) embolism of

Thrombosis, cavernous sinus, (229), (550),

of intracranial venous sinuses, ocular signs of, (771).

retinal vein, cure following dental extraction, (759).

Thrombosis, retinal vein, (continued).

X-ray therapy, 1125.

Thyroid disease, exophthalmic, (229), (329), 839.

progressive, (969).

hyperparathyroidism and blue scleras, (86)

hyperthyroidism, ocular symptoms and, (1175)

Tobacco amblyopia, see Amblyopia. Tonometers, Souter, **720**, 948. Tonometry, **985**.

in the diagnosis of glaucoma, (1082).

Tonoscopy, retinal, (652).

Torticollis, ocular, (659). Trachocid, (320).

Trachoma, 80, (321), 426, (438). in Algerian regiments, (560). anatomo-pathologic changes in, (662).

appearance of limbus in, (1075).

in Argentine, (341), (773).
B. granulosis, (439), (864), (1076).

filterability of, (864), (1076). Rickettsialike bodies in, (660), (861),

(1277).

culture of, in vitro, (863). campaign against,

in Hungary, (1185). in Morocco, (560). in schools, (342). in Tunis, (560).

in Ukraine, (982). in Vilna district, (1186).

in Wilno district,

Witkiwice, (1185). in

in China, (561)

cornea in, (230), (666).

biomicroscopy of superior limbus in,

(438).

degeneration, (1286). pannus, (666).

biomicroscopy and histology, (1282).

blood-serum coagulation test in, (651). deposits of fat in, (440).

early, (1285).

massage for, (1285). operations for, (220), (322), (323), Goldfeder, (1074), (1077).

culture of, (439)

cytology of conjunctiva in, (439)

diagnosis, (1280), (1281). distribution of, in Syria, (1184).

effect of fever on, (439).

endemic, in Egypt, (84), (439). in Sweden, (114).

entropion from, (551). eosinophilia in conjunctival secretion in, (321).

examination of, with loupe, (1281)

experimental research of, (862), (1074).

familial form of, (438). follicles, corneal ulcer after expression of,

(321).healing of, (863)

hematology of, (1277)

infectivity of, 353, 360, (439), (664), 890, (1074).

Tuberculosis, (continued). Trachoma, (continued). inoculation of, intraocular, (1280). specificity of nodules, (218), (219). and lacrimal passages, (1176). leukocytic formula in, (863). ulcer, (661) iridociliary, 1256. absorption of nodes under rest, 949. in Madeira, (1186). in Palestine, (559). pathology of, advanced, (1074). and pulmonary, (88). of lacrimal glands, (971) of lacrimal glands, (9/1).
Mikulicz's disease and, (336).
ocular, (557), (558), (772), 952.
allergy in, (559).
A-O vaccine for, (213).
bacteriology of, 951.
biologic test in, (112).
clinical aspects of, 951.
diagnosis of, (867). constitutional side in, and in treatment of, (1075). in São Paulo, (559), (773). school in the spread of, (234). and serpent ulcer, (1286). stage I, (322). and trachomatous keratitis, (1186). treatment, (660), (1279). antileprol injections, (863). diagnosis of, (867). in Egypt, (557). intrathoracic source, (1184). pathology of, 951. serologic test of, (429). antileprol injections, (863).
arrest of secretions, (1278).
autohemotherapy, (1075).
benzyl cinnamate, (219), (1279).
brilliant green, (661).
of children, (341), (342), (863), (864).
expression, repeated, (662).
emollator for, (1076).
by general practitioner, (342), (864).
in infants, (865).
guining, (660), (663) spleen extract for, (432) tryptophane test of, (210). therapy, 306, (432), (433), (442). tuberculin, 306, (1069). Kressling's, (857). of optic papilla, 390. uveal, 412, 490, (869). treatment, (442). Tularemia, in Austria, (662). quinine, (660), (663). surgical, (439). trachocid, (320). in Tunisian troops, (560). blood-sedimentation reaction in, (1183). Tumors, (109), (972), (1179). (231), (338), (553), (765), unilateral, (440).
lacrimal and traumatic factors in, (863). of brain, see Brain. of choroid, 523. virus, (1280) carrier, (1277). inoculation of Harder's gland with, carcinoma, metastatic, (553). chorionepithelioma of, (231), (766). hemangioma of, (553). (971). and see under infectivity. visual loss from, (1185). ransilluminator, (651). neurofibromatosis of, 368, (768). sarcoma, with detached retina at ora serrata, (1179). Transilluminator, (6 battery for, (655). melanotic, (109), (768), (974). of chiasm, glioma, (765). of ciliary body, carcinoma, metastatic, Transplantation, see Cornea. Trephine, electro, for corneal transplants, (540). (975). Trial case, see Spectacle lenses. Trichiasis operations, (107), (109), (971). ring-, (1179). neurofibromatosis, 368, (768). marginoplastic, (763).
Trichloracetic acid for iris prolapse, 131.
for removal of lid moles, (108). sarcoma, 187. of conjunctiva, (972). epithelioma, (553). lymphoma, (339). Tryparsamide therapy, ocular complications from, 45. lymphosarcoma, (553) Tryptopane, in constitutional eye disease, (558). melanocarcinoma, (110). melanosarcoma in nevus, (766). test, (210). sarcoma of Kaposi, 309. of cornea, (972). Tscherning photometric lenses, (651). Tuberculin, diagnostic, 412. fibroma, after tattooing, (972). reaction of bulbar conjunctiva to, (661). therapeutic, in corneal affections, (866).
Kressling's, (857).
in ocular tuberculosis, 306, (1069). cysts, see Cysts. epibulbar, (972). lymphocytoma, (972). Tuberculosis, of anterior segment, (979). of choroid, miliary, (869). experimental, allergic, 412. reticulo-endothelioma, (554). of eye, carcinoma, (973). metastatic, (339) occupational study of, (973). clinic, (115). of conjunctiva, (218), (220), (319). coincident with phlyctenules, (85). in Egypt, (553). melanosis, (104), (109), (766). ulcer, (661). with sarcoma, (766). of cornea, abscess, (666). prognosis in, 423. treatment with tuberculin, (866). seminoma, metastatic, (231).

Tumors. of eye, (continued). sarcoma, Rous, (554). traocular, condition simulating, 812. intraocular, con glioma, (339). operative treatment of, (1181). of iris, leiomyoma, 347, (766). melanoma, (231) sarcoma, ring-, (1179). symmetrical, (1179). of lacrimal caruncle, melanoblastoma, 675. nevoid cancer of, (232), (767). of lacrimal gland, mixed, (1180). of lacrimal sac, endothelioma, (338). sarcoma, (767). of lids, (110), (767), (972). Boeck's sarcoid, (972) carcinoma, (109) electrolysis needle for, (212). epithelioma, (336), (553). basal cell, radium therapy for, 195. fibrosarcoma, (231). ganglioneuroma, (768). lymphosarcoma, (766). sarcoma of Kaposi, 309. xeroderma pigmentosum, (768). of limbus, epithelioma, (553). melanosarcoma, (1180).
of meibomian gland, epitheliomas, (767).
of optic disc, cystopsammoma, (766).
of optic nerve, glioma, (768), (973).
meningioma, 187. oligodendrocytoma, (109). spongioblastoma, unipolar, (109). of orbit, (105), (229), 836. adenocarcinoma, (231). Boeck's sarcoid, (1179). chloroma, (232), (549). gumma, (229). hemangioma, cavernous, lymph nodules in, (1180). hypernephroma, metastatic, (228). lymphangioendothelioma, (1176). neurofibroma, (767). osteoma, (973). (554). reticuloma, sarcoma, (110) symmetric, (767). of plica semilunaris, angiofibroma, (554). Rathke's, see Brain. of retina, glioma, 187, 525, (554).
radium treatment for, 187, (974).
roentgen treatment for, (553), (554), (972), (1180). retrobulbar angioma, (231). of temporal fossa, see Cranial. of transitional folds, lymphadenoma, (232). of uvea, carcinoma, metastatic, (109). sarcoma, (339), (973). retothele-, (1179). Turkmen, conjunctivitis in, (1075). Twins, ocular findings in, (1186), (1288) and ocular pathology, (217), (670), (860), (876)esophoria and anaphoria in, (1073). Typhoid antibody in uveitis, 583.

Typhus, optic atrophy following, (547).

acts

ra

Ukraine, ocular disease in, (982). Ultraviolet light, intensity of, in Palestine, (1268)therapy, 195, (213), (434). U. S. S. R., ocular filaria in, (1183). Urotropin in corneal ulcers, (323). Urticaria, ocular manifestation in, (222). Uvea, calcification of, (669). diseases of, light sensitivity in, (857), (1271).Uveal pigment, opsonic index for, (666). Uveal tract, sympathetic disease, and aqueous humor, (88), (222), (324), (442), (541), (666), (756), (867), (960), (1081), (1164), (1288). Uveitis, with alopecia, etc., (88), (542). anterior traumatic, short-wave therapy for, (857).chronic, cataract after, 836. tension after paracentesis in, (756). treatment of, 583, (1068). tubercular, chronic, 490, (869). methylic antigen cure, (442). Uveoparotid disease, (869). with benign lymphogranulomatosis, (961). cavernous optic atrophy after, (877). Uveoscleritis, pneumococcic, (666).

Vaccine therapy, (108). A-O, (213). A-O, (213).
A (Ponndorf), (222).
B.C.G., (222).
corneal injury from, see Injuries.
Vägbhata's "Ophthalmology," (774).
Velez, Daniel M. (561). Vernal conjunctivitis, see Conjunctivitis. Vestibular stimulation and color perception, (1070)Victoria-blue staining, (660). Vienna, University Eye Clinics, see Clinic. Vilna, traveling ocular squadron in, (1186). Vision, alternating, during reading, 1142. binocular, (435), (1272). central, after cerebral resection, (228). after glaucoma operations, 1250. after retinal-detachment operations, 591, (875)chemical basis of, (964). of chimpanzee, effect of occipital lobectomy on, (877). color, contrast and irradiation, (215). of dichromates, (656). effect of sound on, (435), (1071). test of, (1071). in machinists, (341). and see Color blindness. and see Perception. and see Abstracts, section three. defective, in children, (982). effect of, cinchona derivatives on, (966). fatigue on near and far, (1072). trachoma on, (1185). importance of, in education, 303. peripheral, in art, (115). resource for, 531. stereoscopic, in the one-eyed, (983). without stereoscope, (1072).

Vision, (continued).

supernormal, in youth, 307.

and see Perception. and see Abstracts. section three.

Visual acuity, after bilateral cataract extraction in early childhood, (1083). and distance of object, (1072), (1273).

and illumination, (429). excessive, (983).

of the myopic, (858). survey of, 930, 1252. test of, charts for, 21, (1266). for children, (431).

examination room for, (209) fundus photography for, (207).

Visual cortex, geniculate bodies and, in optic atrophy, (334), (672).
Visual fields, contraction of, in head injury, 304, (547).

defects, from lesion of one optic radiation, (965).

normal and pathologic, 536. after operation, 1250.

Visual response, neural components of, (1070).

Visual sensation, subjective, (215) Visual tracts and centers, (103), (228), (334), (453), (547), (671), (761), (877), (967), (1174).

Visual tracts, areas of softening in, (334).

Vital staining, (653). decolorization of, in eye, (209).

Vitamins, A, ointment, in ophthalmology, (1068).

relation of, to health and disease, (558). C, in lens, (93), (328). effect of phlorhizin on, (758).

deficit, ocular lesions from, 253, (559).

A, (771), 1115. carotene injections for, (660) on development of retina, (436). electric retinal response in, (96).

keratomalacia from, (113). night blindness criterion of, (964), (1272).

B, in pellagra polyneuritis (alcoholic) (451). C, (771).

D-calcium, phosphorus, 405. feeding, (1069). A, (87).

in corneal regeneration, (212), (1285). and D, (540).

Vitreous, in accommodation, (213).

Benson's disease of, (671). biomicroscopy of, in aphasia, (93) chemical substances injected into, (669).

citric acid in, (105). clinic aspect of, (448), (1171). cyst of, (99), (448), (545). detachment of, (329).

choroid changes and, (331).

observed with Lindner's deflected microscope, (875). posterior, (449)

diathermocoagulation of, (99).

Vitreous, (continued).

dislocation of lens into, (327), (975). examination of with Lindner's micro-

scope, (856). foreign body in, see Injuries. formation of new vessels in, (450).

framework, relation of mucoprotein to,

hemorrhage, juvenile, (446). retinal detachment with, (759).

interchange? (1170). limiting membrane of, (760).

opacities, genesis of spherical, (1170). localization of, (875).

pressure, after removal of salts, (874). prolapse of, after intracapsular cataract extraction, (95).

pulsation phenomenon in, (330).

slitlamp observation of anterior limiting membrane, (440). structure, effect of potassium thiocyanate

on, (874).

traumatic hernia of, (760). and see Abstracts, section ten.

Vocational fitness after congenital-cataract extraction, (94)

Vogan for corneal degeneration, (1285). Von Graefe's, entrance into Charité Hospital, (1185).

lectures, (115). staphyloma posticum verum, see Glaucoma.

Von Hippel's disease, see Retina. Von Jaeger on theories, (560). Vortex vein, blood pressure in, (444).

Vossius's annular opacity of lens, traumatic, (556).

Washington, D.C., Ophthalmological Society, 951. Weil's disease, iridocyclitis with, (868).

Welding, effect of, on eye, (976)

Weltmann coagulation test, (651), (653). Werlhof's disease, ocular alterations in, (325).

Western Ophthalmological Society, 1061. Wills Hospital, see Eye hospitals.

disease, Kayser-Fleischer ring Wilson's with, 189.

Witkiwice, antitrachomatous station in, (1185) Wohlfahrtia magnifica, (978).

Word-blindness, (859). congenital, (981), (982).

Xanthomatosis, of cornea, (867).

of lens, (329). and see Schüller-Christian syndrome. Xeroderma pigmentosum, ocular lesions in, (109), (559), (768).

Xerophthalmia, (114).in Bengal, (113) experimental, (87).

Xerosis, see Bacillus. X-ray, examination, for crystallogic study, (216).

for diagnosis, of diverticulum of lacrimal

X-ray, examination, for diagnosis, (continued). sac, (1178). intraocular foreign body, 308. ocular tuberculosis, 1258. of spine in iritis, (1082).

cts

ro-

to,

act

ng ite

ct

S-

u-

c,

n,

g n,

1,

1

injury, see Injury, and see Cataract. in ophthalmology, (856). therapy, 196, (211), (1069). for epitheliation of anterior chamber,

(1168).for glaucoma, absolute, (91). for lupus of cornea and conjunctiva, (654).

X-ray, therapy, (continued).

for ocular tumor, (109), (339), (553), (554), (972).

retinal glioma, (553), (554), (972), (1180).

Zamenhoff focalizer, (875). Zeiss refractometer, (875).

Zona ophthalmica and Argyll Robertson pupil, (868).

Zonule of Zinn, histology of, (116).

Zoster, see Herpes zoster.